Construction News

★Denotes work advertised in ENGINEERING NEWS.
✚Denotes contract awarded. The names of bidders awarded contracts are set in CAPITALS.

RAILWAYS—STEAM AND ELECTRIC

Massachusetts—Bay State St. Ry.—This company has asked the Council for a franchise to double track its line on Sutton St., North Andover. R. S. Goff, Boston, is Vice-Pres. and Gen. Mgr.

New Jersey—Salem-Pennsgrove Ry.—This company has been incorporated to construct an electric railway to connect Salem and Pennsgrove, N. J. Arthur B. Smith, Isaac C. Smashey, H. G. Hart and James S. Wheeler are among the incorporators. Noted Aug. 5.

Pennsylvania—Dover, Millersburg & Western Ry.—This company plans to start work soon on the construction of its proposed railway to Millersburg, Penn. G. T. Prior, Sheffield, Penn., is interested.

Pennsylvania—A movement is being agitated for the construction of an electric railway from Washington to connect with the mining communities of Ellsworth, Cokeburg, Bentleyville and adjoining districts, about 11 miles. The proposed line would join the Pittsburgh Rys. line in Washington and the terminus of the Bentleyville-Charleroi St. Ry at Cokeburg.

✚**Pennsylvania**—Pennsylvania R.R.—This company has awarded the contract for the construction of a single-track extension of the Yellow Creek branch on the Conemaugh line, about four miles, to A. L. ANDERSON & BRO., Altoona.

North Carolina—Southern Ry.—This company has reached an agreement with the Aluminum Co. of America concerning the construction of the proposed railway from Bushnell, N. C. to Chilhowee, Tenn., about 25 miles. B. Herman, Washington, D. C., is Ch. Engr.

South Carolina—Seaboard Air Line Ry.—This company has sold $22,893,000 in bonds. Part of the proceeds will be used to extend the line from Charleston, S. C., to Savannah, Ga., a distance of 85 miles. W. D. Faucette, Norfolk, Va., is Ch. Engr.

South Carolina—Southern Ry.—This company will soon receive bids for double tracking its line from Greenville to Greer, S. C., about 26 miles. B. Herman, Washington, D. C., is Ch. Engr.

Alabama—Atlanta & St. Andrews Bay Ry.—According to press reports this company plans to construct a railway north from Dothan via Eufaula, Ala., to Columbus, Ga., about 85 miles. B. W. Steele, Dothan, Ala., is Gen. Mgr.

Tennessee—At a recent election the citizens of De Kalb County voted in favor of the question of issuing $150,000 in bonds. The proceeds will be used for the construction of an electric railway from Nashville to Smithville. Noted Aug. 5.

Kentucky—Louisville & Nashville R.R.—This company plans to extend its line from Harlan, Ky., into Virginia, to connect with its Middlesboro & Norton branch. W. H. Courtney, Louisville, is Ch. Engr.

Ohio—Cincinnati Traction Co.—A bond issue of $3000 has been authorized by the Council of Cincinnati to improve and extend Reading Road to allow the construction of this company's extension to Bond Hill. C. Burckmyer is Pur. Agt. Noted June 17.

Ohio—According to press reports a railway to be known as the Cleveland & Ohio Central Electric Ry. will be constructed from Cleveland to Wooster, Ohio. C. E. Sherman, Dept. of Engr., Ohio State University, is interested.

Indiana—Ft. Wayne, Decatur & Southern R.R.—This company has been incorporated to construct an interurban railway out of Decatur. M. Gerke, C. Oetting and C. Dirkson are the incorporators.

Illinois—Rapid Transit Co. of Illinois—This company has been incorporated to construct a system of interurban lines out of East St. Louis southeast via Chester, Murphysboro and Carbondale and northeast through the coal fields. J. Vannahme, D. P. Roberts, C. B. Vonnahme and M. Harned, East St. Louis, and L. T. Holltman, Collensville, are the incorporators.

Michigan—Pere Marquette Ry. Co.—This company plans to construct a belt line for the western and northwestern section of Detroit, about three miles long.

Minnesota—Twin City Rapid Transit Co.—This company plans to construct a double track line from the Snelling-Minnehaha line to the new motor speedway, about 1¼ miles. J. J. Canfield, Minneapolis, is Gen. Supt.

Kansas—According to press reports a company is being organized to construct an interurban railway from Salina, Kan., to Fairbury, Neb., via Concordia and Belleville, Kan. The proposed line will connect with the Arkansas Valley Interurban Ry. at Salina.

Montana—Helena & Southern Ry.—This company has been incorporated to construct a railway from Helena to Yellowstone Park. E. A. Tennis, Salina, Kan., is interested.

Missouri—United Rys.—This company has been granted a new 28-year franchise by the Council of Webster Groves and plans to improve its line on Lockwood Ave. from Summit Ave. to Rock Hill Rd., about 1 mile. Estimated cost, $80,000. Robert McCulloch, St. Louis, is Pres., Gen. Mgr. and Pur. Agt.

Arkansas—According to press reports an electric railway will be constructed from Nettleton to Jonesboro. Franz Weisbord, Indianapolis, Ind., is interested.

Oklahoma—Press reports state that a company is being organized at Blackwell, Okla., to construct a railway out of Blackwell to connect with the St. Louis & San Francisco Ry. at Peckham and with the Santa Fe System at Braman.

Oklahoma—Clinton, Oklahoma & Western Ry.—Surveys are being made by this company for a railway from Clinton to Chickasha. Guy V. McClure, Oklahoma City, is Ch. Engr. Noted July 23.

Oklahoma—Ft. Smith & Western R.R.—Surveys are being made by this company for the extension of its line from Warwick to Oklahoma City, Okla. B. F. Beckman, Ft. Smith, is Ch. Engr.

Oklahoma—Frisco Lines—This company has secured a right-of-way for the construction of a railway from Depew to Drumright, Okla., via the Cushing oil fields, a distance of 20 miles.

Washington—W. D. Peters, Bremerton, has petitioned the Council of Bremerton and Charleston for a franchise to construct an electric railway in both towns.

California—Castro Point & Terminal Ry.—This company will issue $89,000 in bonds. Part of the proceeds will be used for the construction of a railway from San Pablo Quarry to connect with the Richmond Belt Ry.

California—Pacific Electric Ry.—Surveys are being made by this company for a line between Los Angeles and Corona. J. McMillan, Los Angeles, is Gen. Mgr.

California—South San Francisco R.R. & Power Co.—This company has applied for a franchise to construct and operate a single-track or double-track standard gage railway in South San Francisco. W. J. Martin, South San Francisco, is Pres.

LIGHT, HEAT AND POWER

✚**Manchester, N. H.**—The Manchester Traction, Light & Power Co. has awarded the contract for the construction of a concrete dam and spillway on the Piscataquog River to the H. WALES LINE CO., Meriden, Conn. It will replace a wooden structure, and will be 25 ft. high with 35-ft. abutments and a spillway 192 ft. long.

Readsboro, Vt.—It is reported that the Deerfield River Power Co. will develop 4000 hp. at this point, and will install electrical machinery for the manufacture of paper.

Chicopee, Mass.—It is reported that the Fisk Rubber Co., Chicopee, will build a five-story, 110x600-ft. mill, to be equipped with electrically-driven machinery. The total cost will be about $300,000.

Sterling, Mass.—The City of Sterling contemplates the extension of its municipal electric-lighting and power service to Lake Washacum. The cost of the work is estimated at $11,000. H. W. Rugg is Supt., Mgr. and Cont. Agt. of the municipal system.

✚**Worcester, Mass.**—The Worcester Electric Light Co. has awarded the contract for the construction of a two-story brick, 81x104-ft. addition to its power house on Webster St., to H. R. KENT & CO., 141 Broadway ,New York, N. Y. The estimated cost is $50,000. Noted June 3.

★**Albany, N. Y.**—(Official)—Bids will be received until noon, Sept. 8, by the Trustee of Public Buildings, Executive Chamber, Capitol, for alterations and additions to the State House, plumbing and drainage for the Court of Appeals. Lewis F. Pilcher is State Arch.

Attica, N. Y.—It is reported that the Attica Water, Gas & Electric Co. will soon purchase one 75-kw., two-phase, 60-cycle, 1100-volt generator with exciter and ammeters, voltmeters and switches. R. W. Harris is Mgr.

✚**East Syracuse, N. Y.**—The Board of Education has awarded the contract for new heating and ventilating systems for the local schools to the LEAVERY HEATING & VENTILATING Co., Syracuse, at $12,285. Ten bids were received for the work.

★**Letchworth Village, N. Y.**—(Thiells post office)—(Official)—Bids will be received until noon, Sept. 7, by Frank A. Vanderlip, Pres., Bd. of Mgrs., Letchworth Village, Room 215, 55 Wall St., New York, N. Y., for heating, plumbing, drainage, electrical work, etc., in attendants' home, laundry building, and service building; for electric service connections for Cottages A, B, C and D at Letchworth Village, Thiells. Franklin B. Kirkbride, 55 Wall St., New York, is Secy., Mgrs. of Letchworth Village. Lewis F. Pilcher, Albany, is State Arch.

✚**Rochester, N. Y.**—The Managers of St. Mary's Hospital have awarded the contract for the construction of a new boiler house and engine room to the GORSLINE & SWAN CONSTRUCTION CO., Rochester. The building will be 44x113-ft., 37 ft. high, with a 125-ft. chimney. Gordon & Madden is Arch.

Burlington, N. J.—The City Council has engaged W. E. Temple, Elec. Engr., Philadelphia, Penn., to prepare plans for changing the motive power of the drainage system from steam to electricity. It will cost from $6000 to $7000.

Newark, N. J.—The Standard Metal Mfg. Co., 237 Chestnut St., will build an addition to the boiler house of its plant.

Duncannon, Penn.—A company has been organized to construct a dam across the Juniata River about four miles above Duncannon. It will be of stone and concrete, with a head of 15 ft., and is expected to develop from 2000 to 3000 hp. of energy which will be transmitted to Duncannon to operate a mill for the manufacture of felt roofing paper and an asphalt refinery. Frank M. Waring, Tyrone, and R. J. Redick, York, are interested in the company which will be capitalized at $500,000.

Hazard, Ky.—Press reports state that the Kentucky River Power Co. will establish a hydro-electric plant at Hazard to cost about $300,000.

Henderson, Ky.—The City Council is considering the construction of a new power house for the municipal electric-light plant. L. P. Hite is Supt. of the municipal plant.

✚Cleveland Heights, Ohio—(Warrensville post office)—(Official)—The Board of Education has awarded the contract for heating and ventilating equipment of a grade school to the CHAPPELL-WARREN CO., Cleveland, at $7850. See item under "Buildings."

Columbus, Ohio—(Official)—Bids will be received until 2 p.m., Sept. 10, by A. F. Shepherd, Pres., Ohio Bd. of Administration, Oak and Ninth St., Columbus, for nine automatic side-feed, self-cleaning stokers for the Institution for Feeble-Minded, Columbus, and for two 400-hp. water tube boilers and two 400-hp. stokers at the Ohio Hospital for Epileptics, Gallipolis, Ohio. H. S. Riddle, Columbus, is Consult. Engr., Ohio Bd. of Administration.

East Liverpool, Ohio—Bonds will be issued for the construction of a municipal electric-light plant. The estimated cost is $60,000. J. C. Kelley is City Engr.

Painesville, Ohio—(Official)—Bids will be received until noon, Aug. 31, by Martin A. Tuttle, Dir. of Pub. Ser., for one surface condenser and equipment for the municipal electric light department of the City of Painesville. O. W. Kile is Secy. of the Electric Light Dept. H. Whitford Jones & Co., 1303 Citizens' Bldg., Cleveland, is Consult. Engr.

✚Troy, Ohio—The Board of Commissioners of Miami County has awarded the contract for the construction of an addition to the county power plant to GRIMES & THOMPSON, Piqua, at $4948. It will be one-story, 38x61 ft.

Uhrichsville, Ohio—The City Council has authorized the City Clerk and City Solicitor to investigate the feasibility of establishing a municipal electric-light plant. Should the report be favorable, the question of a bond issue will be submitted to the voters at the regular November election.

Galena, Ill.—The Interstate Light & Power Co. plans to add new equipment to the Galena plant within the next two or three months. A new 3500-hp. turbine will be installed with additional boilers and pumps. The automatic stokers will be improved. F. H. Rickemann is Mgr.

Peoria, Ill.—The committee appointed to investigate the feasibility of establishing a municipal electric-plant has submitted a report estimating the cost at $38,389. The committee also recommends submitting the question to the voters. E. D. Jeffries is City Engr.

Dane, Wis.—Preparations are being made for the installation of a municipal electric-light plant in Dane. Vaughn, Meyer & Sweet, Majestic Bldg., Milwaukee, is Consult. Engr.

Solon, Iowa—Press reports state that a franchise will be granted to the Iowa Ry. & Light Co. for the installation of an electric-lighting system in Solon. A transmission line will probably be built from Mt. Vernon to supply energy. This line will also serve farms along the route. S. C. Dows, Cedar Rapids, is Pur. Agt.

Virginia, Minn.—(Official)—Bids will be received until 8 p.m., Sept. 6, by the Water and Light Commission for a mixed pressure steam turbine with exciters, condensers and switchboard. Alternate bids will be received for either a 1000-kw. or a 1500-kw. turbine and alternator. Max Lewis is Secy. of the Comn. C. T. Harding is Engr.

✚Warren, Minn.—It is reported that the contract for additions and improvements to the municipal electric-light plant has been awarded to J. G. ROBERTSON, 2542 University Ave., St. Paul. Bids were opened July 22. Noted July 1 and 15.

Broken Bow, Neb.—(Official)—Bids will be received until 6 p.m., Sept. 2, by the Mayor and City Council for the construction of a complete electric-light plant and for the construction of new wells for an extension to the water-works system. The engineer's estimate for the entire work is $17,000. R. E. Thompson is City Clk.

Grand Island, Neb.—(Official)—The Grand Island Electric Co. is building a hydro-electric plant on the Loup River at a cost of $750,000. It will develop 4500 hp. The L. E. Myers Co., Chicago, Ill., is in charge of the construction work. Erroneously noted June 17 as about to build a hydro-electric plant on the Platte River.

Hastings, Neb.—The city will soon purchase for the municipal electric-light plant, a 750-kw. steam turbo-generator and condensing plant and steam-flow integrating meters; also an electrically-driven, deep-well centrifugal pump, with a capacity of 1000 gal. per minute. H. H. Cloyd is Mgr.

Hysham, Mont.—It is reported that the Town Council has engaged the Billings Engineering & Contracting Co., Billings, to prepare plans for a municipal electric-light plant and water-works system.

Pickering, Mo.—At a special election held July 27 the citizens voted in favor of issuing bonds for the purpose of installing a municipal electric-light plant.

Adamson, Okla.—It is reported that bids will be received until Sept. 20 by the City Council for the construction of a municipal electric-light plant.

Colorado Springs, Colo.—It is reported that the City Commissioners have decided not to consider the establishment of a municipal electric-light and power plant at the present time. Tentative estimates place the cost at about $1,000,000.

Dexter, N. M.—It is reported that the City Council contemplates the installation of a municipal electric-light and power plant.

Olympia, Wash.—Bids will be received until noon, Aug. 31, by E. S. Emigh, Secy., State Bd. of Control, Olympia, for the installation of a 300-hp. horizontal tube boiler equipped with automatic underfeed stokers in the power plant of the Eastern State Hospital at Medical Lake.

Winnipeg, Man.—It is reported that plans have been prepared by W. P. Brereton, City Engr., for building an addition to the heating and power plant of the municipal hospital.

BRIDGES

Woonsocket, R. I.—(Official)—Competitive plans will be received until 8 p.m., Sept. 1, by the Board of Aldermen for two bridges on Hamlet Ave. and one on Fairmount St., Woonsocket. George H. Emmott is Chn., Bd. of Aldermen. Frank H. Mills is City Engr. Noted May 6.

Hartford, Conn.—(Official)—Bids will be received until 11 a.m., Aug. 31, by the Board of Contract and Supply for the construction of a three-span reinforced-concrete bridge over the Park River at Capitol Ave. It will be 160 ft. long and 55 ft. wide. Joseph Buths is Secy., Bd. of Contract and Supply.

Binghamton, N. Y.—The City Council has authorized the issue of bonds for the construction of six bridges. The estimated cost is $30,000. John A. Giles is City Engr.

★Olean, N. Y.—(Official)—Bids will be received until 5 p.m., Sept. 7, by the Common Council for the construction of a highway bridge over the Allegany River at 11th St., Olean. Bids will be accepted for a concrete bridge of three 140-ft. spans, or for a steel structure of two 200-ft. spans. A. G. Harvey is Supt. of St.

✚Gillette, N. J.—The Board of Chosen Freeholders of Morris County, Morristown, has awarded the contract for the construction of a bridge over the Passaic River at Gillette to JAMES J. HICKEY, at $7333.

Newark, N. J.—The Board of Chosen Freeholders of Essex County has voted to make repairs and improvements to the Jackson St. Bridge. The estimated cost is $20,000. Frederick A. Reimer is County Engr.

Trenton, N. J.—Bids will be received until 2:30 p.m., Aug. 26, by John J. Powers, Dir., Bd. of Chosen Freeholders of Mercer County, for the construction of a reinforced-concrete and stone arch over Sanhican Creek at Willow St., Trenton. Theodore Tobish is County Engr.

✚Trenton, N. J.—(Official)—The Board of Chosen Freeholders of Mercer County has awarded the contract for a bridge over Doctor's Creek to BROWN & MACKENTHUM, Windsor, N. J., at $6149; contracts for a bridge over Beedens Brook and one over Assunpink Creek were awarded to the GINDER CONSTRUCTION CO., Trenton, at $2019 and $1408 respectively. Noted July 29.

Ebensburg, Penn.—Bids will be received until Aug. 30 by the Commissioners of Cambria County for the construction of a 36-ft. concrete girder bridge over Chest Creek on the Loretto and Carrolltown Rd., between Allegheny and East Carroll Townships, and for a 40-ft. concrete arch over Yellow Run in Adams Township. George M. Wertz is County Controller.

★Media, Penn.—(Official)—Bids will be received until 10 a.m., Sept. 9, by the Commissioners of Delaware County for the construction of a reinforced-concrete bridge on Glenolden Ave., over Muckinapatus Creek, Glenolden Borough and Darby Township. J. Miller Quinn is Dep. County Controller.

Norristown, Penn.—(Official)—Bids will be received until 11 a.m., Aug. 30, by the Commissioners of Montgomery County for repairing the following bridges: Bridge over Wissahickon Creek in Upper Gwynedd Township; over Humphreys Run in Lower Gwynedd Township; over Towamensing Creek in Upper Gwynedd Township; creosoted block floor on the Royersford and Spring City Bridge over the Schuylkill River; three concrete piers to be placed under the bridge at Walnut Hill Station, over Pennypack Creek in Abington Township. John N. Jacobs is County Controller.

Sunbury, Penn.—Bids will be received until Aug. 27 by Aaron Baker, Controller of Northumberland County, for the construction of a bridge over Mahanoy Creek in East Cameron Township, known as Hornbergers Bridge.

Courtland, Va.—(Official)—Bids will be received until noon, Sept. 3, by the Clerk of the Circuit Court of Southampton County for the construction of a 465-ft. steel bridge with concrete and pile substructure, over the Nottaway River. G. P. Coleman, Richmond, is State Highway Comr.

Farmville, Va.—(Official)—Bids will be received until noon, Aug. 31, by the Clerk of the Circuit Court of Prince Edward County for the construction of a steel bridge over Falling Creek. G. P. Coleman, Richmond, is State Highway Comr.

Richmond, Va.—See item under "Miscellaneous."

Berkeley Springs, W. Va.—Bids will be received until Sept. 11 by M. S. Harmison, Clk. of County Court of Morgan County, for the construction of a concrete bridge across Sleepy Creek. Alternate bids will be accepted for a 90-ft. single span or two spans of 50 ft. each, with a 14-ft. roadway.

Charleston, W. Va.—Bids will be received until Aug. 30 by M. P. Malcolm, Pres. Kanawha County Court, for the construction of two bridges in Cabin Creek District, one over Morris Creek and the other over Upper Creek. F. G. Burdett is County Road Engr. Noted Aug. 12.

Clarksburg, W. Va.—(Official)—Bids will be received until noon, Aug. 28, by the Harrison County Court for the construction of abutments and piers for a steel bridge across the West Fork River at Zeising. C. C. Fittro is County Road Engr.

Jefferson, N. C.—The State Highway Engineer is preparing plans for the Commissioners of Ashe County for a 360-ft. steel bridge with 14-ft. roadway. The estimated cost is $6000. W. A. Scott is Chn., County Comrs.

Titusville, Fla.—It is reported that the Commissioners of Brevard County have decided to build a concrete pile bridge across the Indian River estimated to cost $100,000. There will be a 55-ft. draw span. C. M. Rogers, Daytona, is Consult. Engr.

Columbus, Miss.—Bids will be received until Sept. 6 by the Board of Supervisors of Lowndes County for three steel bridges, one 40-, one 80- and one 100-ft. span, and for one 50-ft. concrete arch. G. E. Hauser, Jr., is County Engr.

✚St. Francisville, La.—(Official)—The Police Juries of East and West Feliciana Parishes have awarded the contract for a bridge over Thompson Creek on the line between the two parishes to AUSTIN BROS., Dallas, Tex. The estimated cost is $24,000. Noted Aug. 12.

Covington, Ky.—The City Commissioners have approved plans for a bridge across the Licking River to carry the emergency water main from Campbell County to Latonia where it will connect with the Covington system. The bridge will be 725 ft. long and 16 ft. wide, to be later increased to 24 ft. The estimated cost is $47,375. The cost of submerging two mains will be about $40,000. The bridge will not be built until necessary legislation can be obtained from the General Assembly which convenes next January. Noted June 10.

✚Maysville, Ky.—The Fiscal Court of Mason County has awarded the contract for the construction of three concrete bridges to E. K. NEWELL & CO., Maysville.

Nicholasville, Ky.—(Official)—Bids will be received until noon, Sept. 7, by the Fiscal Court of Jessamine County for the construction of a reinforced-concrete bridge across Hickman Creek on the Chrisman Mill Rd. C. S. Woodward is Road Engr. of Jessamine County.

Cincinnati, Ohio—(Official)—Bids will be received until noon, Sept. 17, by the Board of Commissioners of Hamilton County for the construction of two concrete bridges on the New Haven and Venice (Willey) Rd. Albert Reinhardt is Clk., Bd. of Comrs.

Cincinnati, Ohio—It is reported that the County Engineer is preparing plans for the construction of four bridges to be located at Miamisburg, West Carrollton, Union and Shoups Mills respectively. The estimated cost is approximately $150,000.

Hamilton, Ohio—(Official)—Bids will be received until 10 a.m., Sept. 13, by W. W. Crawford, Audr. of Butler County, for the construction of a bridge over the Miami River at Chestnut St., Hamilton. Alternate bids may be submitted on either steel or concrete construction. F. M. Hammerle is County Surv.

Malvern, Ohio—Bids will be received until Sept. 11 by the Commissioners of Carroll County, Carrollton, for repairs to the Main St. Bridge in Malvern.

Marion, Ohio—Bids will be received until Sept. 8 by the Board of Commissioners of Marion County for a 160-ft. steel bridge known as the Clark Bridge, over the Scioto River in Section No. 19, Montgomery Township. V. Perle Garfield is Clk. of Bd.

Zanesville, Ohio—(Official)—Bids will be received until 11 a.m., Sept. 7, by the Board of Commissioners of Muskingum County for the construction of the superstructure of the Swingle Bridge over Turkey Run in Brush Creek Township. Fred C. Werner is Clk. of County Comrs.

Brazil, Ind.—(Official)—Bids will be received until 10:30 a.m., Sept. 7, by the Board of Commissioners of Clay County for the construction and repair of county bridges. George A. Sheehan is County Engr. William O. Graeser is County Audr. Noted July 8.

Covington, Ind.—(Official)—Bids will be received until 2 p.m., Sept. 7, by the Board of Commissioners of Fountain County for the construction of two bridges, the Ed Martin Bridge in Troy Township, and the County Line Bridge in Richland Township and Montgomery County. Himan W. Newlin is County Audr.

✚Lebanon, Ind.—(Official)—The Commissioners of Boone County have awarded contracts for bridge construction to the following: J. A. SWOPE, Lebanon, three bridges; SHEATS & ABERGAST, Frankfort, Ind., two bridges; CENTRAL STATES BRIDGE CO., Indianapolis, one bridge. Noted July 22.

South Bend, Ind.—Press reports state that the Commissioners of St. Joseph County plan the construction of a $40,000 bridge on the Lincoln Highway in the county.

✚Flint, Mich.—The contract for the construction of the West Court St. Viaduct has been awarded to the ILLINOIS BRIDGE CO., Chicago, Ill., at $12,977.

Joliet, Ill.—It is reported that the Chicago, Ottawa & Peoria Ry. contemplates the construction of two new bridges, one to have four 43-ft. spans and the other, two spans of 35 ft. each. F. E. Fisher, Joliet, is Gen. Supt.

✚Watseka, Ill.—(Official)—The Highway Superintendent of Iroquois County has awarded the contract for the construction of two reinforced-concrete bridges in Pigeon Grove Township to JOSEPH KLEIN, Freeburg, Ill., at $5700. Other bidders were: Bresee Mfg. Co., Mattoon, $6400; Walesby & Gammie, Chicago, $5890; Fred A. Smith Lumber Co., Cissna Park, Ill., $5878. The engineer's estimate was $6575. Noted Aug. 12.

Appleton, Wis.—The City Council plans the construction of a 105-ft. concrete bridge over the South Channel of the Fox River. It will have three spans. A. C. Remley is City Engr.

✚Burlington, Iowa—The City Council has awarded the contract for the fabrication and erection of a 2555-ft. bridge over the Mississippi River to the WISCONSIN BRIDGE & IRON CO., Milwaukee, Wis. It will cost approximately $200,000. Noted June 24 and July 22.

Mankato, Minn.—(Official)—The Commissioners of Blue Earth County have postponed the award of contract for a 120-ft. concrete bridge in Shelby Township until the latter part of September. Bids were advertised to be received on Aug. 18. C. L. Kennedy is County Audr. Noted Aug. 12.

Mankato, Kan.—(Official)—Bids will be received until noon, Sept. 14, by the Commissioners of Jewell County for the construction and repair of a number of bridges in various townships of the country. Plans on file with the County Clerk, Mankato, and with the State Engineer, Manhattan.

Ogden, Kan.—Bids will be received until Sept. 1 by the Commissioners of Riley County, Manhattan, for the repair of the bridge over the Kansas River at Ogden. The estimated cost is $10,000.

Alma, Neb.—Bids will be received until noon, Aug. 31, by A. B. Shoemaker, Clk. of Harlan County, for bridge construction in the county for a period of one year.

✚Chinook, Mont.—The Board of Commissioners of Blaine County has awarded the contract for the construction of a steel bridge over the Milk River to O. E. PEPPARD, Missoula, at $6600.

Dillon, Mont.—Bids will be received until 11 a.m., Sept. 10, by Jay S. Baker, Clk. of Beaverhead County, for the construction of a 170-ft. steel bridge across the Big Hole River, and for a 42-ft. steel bridge across the slough near Browne's Station.

Benjamin, Tex.—The voters of Knox County have approved the issue of $50,000 in bonds, the proceeds of which will be used to build two bridges over the Brazos River; one at Brock Crossing, and the other at Coffman Crossing.

Kingfisher, Okla.—(Official)—The Commissioners of Kingfisher County have postponed indefinitely the awarding of contracts for the construction of 17 bridges in the county. Bids were advertised for Aug. 16. William G. Newer, Kingfisher, is County Clk. Noted Aug. 12.

Lehigh, Okla.—(Official)—The award of contracts for the construction of seven steel bridges in Coal County, bids for which were advertised until Aug. 14, has been deferred to a later date. Richard Bunch, Coalgate, Okla., is County Clk. Noted Aug. 5.

✚Sulphur, Okla.—The Commissioners of Murray County have awarded a contract for the construction of two bridges over the Washita River to the WESTERN BRIDGE CO., Sherman, Tex.

Denver, Colo.—It is reported that plans are being prepared for a new bridge over the Platte River near Woolhurst, about five miles from Denver. The estimated cost is $6000. T. J. Ehrhart, Denver, is State Highway Comr.

Aberdeen, Wash.—(Official)—The West Toll Bridge over the Chehalis River will be rebuilt at once without the delay of calling for bids. The work includes the construction of a new 260-ft. span and repairing the approaches. The estimated cost is $25,000. C. E. Fowler, Central Bldg., Seattle, is Engr.-in-Charge. P. F. Clark is City Clk. Noted Aug. 12.

✚Olympia, Wash.—(Official)—Bids were received Aug. 9 by the State Highway Board for the construction of the Skokomish River Bridge on the Olympic Highway in Mason County, from the following: Washington Construction Co., Seattle, $12,562; J. R. Wood, Seattle, $11,831; Quigg Construction Co., Seattle, $13,600; A. H. Cox & Co., Seattle, $12,457; Minneapolis Steel & Machinery Co., Spokane, $12,830; R. E. Mieth, Portland, Ore., $11,778; YELVERTON & WOLF, Olympia, $11,253 (awarded contract); Portland Bridge & Iron Co., Portland, Ore., $13,650; Coast Bridge Co., Portland, Ore., $14,305; Beer's Building Co., Portland, Ore., $11,777; Weymouth Construction Co., Seattle, $13,756; Howard S. Wright, Everett, $12,940; George H. Griffin, Inc., Seattle, $12,308. Noted July 29.

✚Walla Walla, Wash.—The Commissioners of Walla Walla County have awarded a contract for the construction of three steel bridges to C. L. GRAVES, Spokane, at $8434.

Grants Pass, Ore.—The County Court of Josephine County has rejected all bids for a steel bridge over Sucker Creek as being too high. New bids will be asked at once.

✚Portland, Ore.—It is reported that the Park Commission has awarded the contract for the construction of the Back Bay Blvd. Bridge to FORGIONE & ROMANO, Fidelity Bldg., Portland, at $21,450.

✚Fresno, Calif.—The Board of Supervisors of Fresno County has awarded the contract for the construction of a reinforced-concrete bridge on the Elkhorn grade to J. E. MITCHELL, Fresno, at $11,974.

✚Martinez, Calif.—The Board of Supervisors of Contra Costa County has awarded a contract for the construction of a bridge over Pacheco Slough on the Martinez-Bay Point Rd., to the HEALY-TIBBETTS CO., San Francisco, at $6932, and for placing 1100 ft. of trestle piling over Pacheco Slough to the HYDE-HARJESS CO., Stockton, at $8778.

✚Modesto, Calif.—The Board of Supervisors of Stanislaus County has awarded a contract for the construction of a bridge across the Tuolumne River at Roberts Ferry to the ROSS CONSTRUCTION CO., Sacramento, at $29,870. Noted July 29.

✚Oroville, Calif.—The Board of Supervisors of Butte County has awarded a contract for the construction of a concrete bridge over Butte Creek, on the State Highway, to EDWARD SHARP, Chico, at $11,723.

✚San Diego, Calif.—The San Diego & Arizona Ry. Co. has awarded the contract for the erection of a steel bridge across Campo Creek at the end of Tunnel No. 4 to the CHARLES W. CORBALEY CO., I. W. Hellman Bldg., Los Angeles; the contract for furnishing the steel was awarded to the LLEWELLYN IRON WORKS, Los Angeles.

✚San Luis Obispo, Calif.—The Board of Supervisors of San Luis Obispo County has awarded the contract for the construction of a reinforced-concrete bridge over San Luis Obispo Creek to ALLISON & COLE, San Francisco, at $8199.

✚Santa Rosa, Calif.—(Official)—The Board of Supervisors of Sonoma County has awarded contracts for the construction of reinforced-concrete bridges to the BAILEY-COMSTOCK CO., Santa Rosa, at $1542 for a bridge on the Alexander Valley Rd., and to the GILDERSLEEVE CONTRACTING CO., Napa, at $5600 for a bridge on the Petaluma Rd. Noted Aug. 5.

Yreka, Calif.—The Board of Supervisors of Siskiyou County contemplates the construction of a bridge at the mouth of the Scott River. The estimated cost is $10,000.

Halifax, N. S.—Bids will be received until noon, Aug. 28, by the Road Commissioner, Halifax, for the construction of 217 culverts of permanent material on several roads in the County of Antigonish.

Halifax, N. S.—Bids will be received until noon, Sept. 4, by the Road Commissioner, Halifax, for the construction of 171 culverts of permanent material on various roads in several counties.

Mt. Pleasant, Ont.—The Works Committee of the City Council, Toronto, has approved plans for the construction of a bridge at Mt. Pleasant. Bids will be asked as soon as the plans are approved by the Railway Board. It will be of either plain or reinforced-concrete construction.

✚**Swan River, Man.**—The Provincial Highway Commissioner has awarded contracts for the construction of two reinforced-concrete bridges over the Swan River to S. C. HILL & CO., Winnipeg, for the substructures, and to the ALGONA STEEL BRIDGE CO. for the steelwork. The estimated cost of the two bridges is $15,000.

WATER SUPPLY—IRRIGATION

✚**Pittsfield, Mass.**—The General Electric Co. has awarded the contract for the construction of a reservoir at Perinne Ave. to GILBERT H. HARRIES, Boston. The estimated cost is $100,000. Noted July 29.

✚★**Hartford, Conn.**—(Official)—The contract has been awarded to C. W. BLAKESLEE & SON, New Haven, at $357,767, by the Board of Water Commissioners for constructing under Contract No. 10 a compensating reservoir. Noted Aug 12.

Attica, N. Y.—The Village Trustees contemplate constructing a water system, the estimated cost of which is $125,000.

Centerville, N. Y.—(Official)—Bids were received Aug. 17 for the construction of a water system as follows: Abner M. Harper, Inc., $10,630; Partridge & Burke, $25,541; P. L. Braunworth, $15,606; R. F. Relly, $16,223. Noted July 22 and 29.

✚**New York, N. Y.**—(Official)—The SULLIVAN MACHINE CO., 123 South Michigan Ave., Chicago, Ill., at $12,145, has been awarded the contract for making six borings at the Hudson siphon of the Catskill Aqueduct in Fishkill. Noted July 22 and Aug. 19.

★**Watervliet, N. Y.**—(Official)—The Lincoln, Steele, Fleming Co., New York, at $424,670, was low bidder for constructing a water system. Solomon, Norcross & Keis is Engr. Noted July 22.

Yonkers, N. Y.—The city will expend about $3,000,000 for the construction of a new water system and for the improvement of the old one. Noted Aug. 21, 1913 and Nov. 26.

Butler, N. J.—The State Water Supply Commission has granted the Butler Water Co. permission to extend its water system to Lake Keiko. Noted June 17.

✚**Gloucester City, N. J.**—The contract for furnishing and installing equipment for the water-works has been awarded to L. T. EDWARDS, Philadelphia, Penn., at $21,218. A. Blatchley, Drexel Bldg., Philadelphia, Penn., is Engr. Noted Aug. 19.

Newark, N. J.—George W. Knight has been retained by the City Council to prepare plans for the construction of a water supply system at the almshouse at Ivy Hill. The estimated cost is about $5000.

West Orange, N. J.—At an election held Aug. 16 the citizens voted in favor of purchasing the water system of the West Orange Water Co. William B. Fuller is Consult. Engr. Noted July 15 and Aug. 12.

Wilmington, Del.—Press reports state that the city plans to construct another reservoir beside the present reservoir on the Concord Turnpike.

Altavista, Va.—The citizens contemplate constructing a water system.

Crewe, Va.—Plans have been prepared by Anderson & Christie, Commercial Bldg., Charlotte, N. C., and an election will soon be held to vote on the question of issuing $80,000 in bonds, the proceeds of which will be used for the construction of a water system. E. C. Bradshow is Comr. of Pub. Wks.

Fairmont, W. Va.—The city plans to install a new water and sewerage system. Ira L. Smith is Comr., Water Works and Sewerage.

Cartersville, Ga.—(Official)—Bonds for $5000 have been voted by the citizens, the proceeds of which will be used for making extensions to the water mains. W. W. Daniel is City Engr. Noted July 22.

Macon, Ga.—The Water Commissioners are considering the construction of a reservoir on Ft. Hawkins, East Macon.

Bradentown, Fla.—The citizens voted against the question of issuing $10,000 in bonds, the proceeds of which was to have been used for the extension of the water system. Noted July 22.

Amite, La.—Surveys are being made for the construction of a water and sewerage system. M. L. Culley, Jackson, Miss., and X. Kramer, Magnolia, Miss., are Engrs. Noted July 22.

De Ridder, La.—Bonds for $24,000 have been sold, the proceeds of which will be used for the construction of a municipal water system.

Lenoir City, Tenn.—An election will be held to vote on the question of issuing $10,000 in bonds, the proceeds of which will be used for the completion of the water system.

Belleville, Ohio—(Official)—Bids will be received until Sept. 14 by Glenn L. Shaffer, Village Clk., for the construction of a water system. The work will include deep well pumps, gas engines, five miles of distributing mains and a storage reservoir. The Smith & Boulay Co., 320 The Nasby, Toledo, is Engr.

✚**Columbus, Ohio**—The contract has been awarded to the COLUMBUS SUPPLY CO., for furnishing 72,000 lb. of lead pipe at $5.28½ per cwt.

✚**Coshocton, Ohio**—The contract for the construction of a 3,000,000-gal. reservoir has been awarded to KISSNER & SONS, at $35,652. Noted Mar. 11 and 25.

Farmersville, Ohio—(Official)—Bids will be received until Sept. 1 by A. F. Gilbert, Village Clk., for constructing a water system. Noted June 10 and Aug. 12.

Silverton, Ohio—Bids will be received until Aug. 28 by A. A. Sprague, Village Clk., for constructing 6-in. water mains in portions of various streets.

✚**South Charleston, Ohio**—The contract has been awarded to ARTHUR GEISLER, Dayton, at $35,000, for constructing a water system. Noted June 3.

✚**Wellington, Ohio**—(Official)—The contract for the construction of a water system has been awarded to GANGLA & SHANNON, Akron. The estimated cost is $35,000. The W. J. Sherman Co., Toledo, is Engr. Noted July 15 and Aug. 19.

✚**West Park, Ohio**—(Official)—The contract for the extension and improvement of the water system has been awarded to SEATONWOOD & MAYER, Cincinnati, at $10,460. Other bidders were: Otis & Co., Cleveland, $10,213; Stacy & Brown, Toledo, $10,173; Tillstron & Wolcott Co., Cleveland, $10,927. Noted July 22.

Xenia, Ohio—The State Board of Health has approved the plans of the Xenia Water Co. for the improvement of the water system. Noted May 13.

Miller, Ind.—The citizens have voted in favor of issuing bonds for $14,000, the proceeds of which will be used for the construction of a water system. Noted Aug. 5.

✚**Christopher, Ill.**—The contract has been awarded to the KATZ CONSTRUCTION CO., Omaha, Neb., at $18,500, for constructing a pumping station. Noted Apr. 1.

Nekoosa, Wis.—Bonds have been voted by the citizens, according to press reports, the proceeds of which will be used for the construction of a water system.

Oshkosh, Wis.—Plans have been prepared by Henry A. Allen, Consult. Engr., Chicago, Ill., for the construction of a filtration plant with a daily capacity of 4,000,000 gal. The estimated cost is $100,000. Noted Aug. 5.

Humboldt, Iowa—(Official)—Bids will be received until 6 p.m., Sept. 6, by J. A. Parker, Town Clk., for furnishing a centrifugal pump and motor, triplex pump and motor, switchboard panel, switches and instruments. Harper & Stiles, Kansas City, Mo., is Engr.

Shelby, Iowa—An election will be held Aug. 30 to vote on the question of issuing $12,000 in bonds, the proceeds of which will be used for constructing a water-works system.

Sidney, Iowa—Bids will be received about Sept. 1 by T. T. Hatton, Mayor, for the extension of the water system. Noted July 29.

Virginia, Minn.—(Official)—Bids will be received until 8 p.m., Sept. 6, by the Water and Light Commission, for constructing a mixed pressure steam turbine. C. T. Harding is Engr.

Spearville, Kan.—Bonds for $25,000 have been voted by the citizens, the proceeds of which will be used for the construction of a water system.

Broken Bow, Neb.—(Official)—See item under "Light, Heat and Power."

✚**Omaha, Neb.**—The contract has been awarded to the OFFERMAN CONSTRUCTION CO., South Omaha, at $6336, for laying water mains.

✚**Powell, Wyo.**—According to press reports contracts have been awarded to J. E. FISHER CO., Denver, Colo., at $61,000, for constructing a water system. Noted July 1.

✚**Chouteau, Mont.**—(Official)—The contract for the construction of a municipal water system has been awarded to the F. E. EVANS CONTRACTING CO., Chouteau, at $31,215. Other bidders were: Security Bridge Co., Billings, $32,893; W. D. Lovel, Minneapolis, Minn., $33,104; Gordon & Taylor Co., Denver, Colo., $33,690; George Kemper, Minot, N. D., $33,443. Swearingen & McCulloh, Chouteau, is City Engr. Noted June 24 and July 29.

Hysham, Mont.—Plans are being prepared for the construction of a water system. The Billings Engineering & Construction Co., Billings, is Engr.

✚**Roundup, Mont.**—Contracts have been awarded to the SECURITY BRIDGE CO., at $3781 and $7509, for constructing water mains.

St. Joseph, Mo.—Bids will be received about Sept. 1 by the Board of Public Works for the extension of the water mains on Shade Ave. from St. Joseph Ave. to Fifth St.

✚**St. Louis, Mo.**—The contract for the reconstruction of the Compton Hill Reservoir has been awarded to the HIRAM LLOYD BUILDING & CONSTRUCTION CO., at $280,187. Other bidders were: McCormick-Combs Construction Co., $287,506; Hammick Quarry & Construction Co., $290,316; Carmichael-Cryden Co., $292,812; Herman Construction Co., $294,717; Fruin-Colnin Construction Co., $307,220; Prendergast-Clark Construction Co., $326,991; James Stewart Co., $329,010; American Contracting Co., $407,890. Noted Aug. 5.

✚**Argenta, Ark.**—The contract for furnishing the machinery and equipment for the new pumping station has been awarded to the HENRY R. WORTHINGTON PUMP CO., St. Louis, Mo., at $9000.

Benton, Ark.—Bonds for $85,000 have been sold. The proceeds will be used for the construction of a water and sewer system. Noted July 8.

El Dorado, Ark.—The Arkansas Light & Power Co., recently the El Dorado Light & Water Co., plans to improve the water system at El Dorado.

El Campo, Tex.—The Central Service Co. plans to install a water system. About 14,000 ft. of pipe will be required. T. J. Hardy is Pres.

Harlingen, Tex.—Bids will be received by the Cameron County Irrigation District No. 1 until Sept. 2 for the construction of two flumes.

Mart, Tex.—Bonds for $21,000 have been voted by the citizens, the proceeds of which will be used for the extension of the water system.

Kusa, Okla.—(Henryetta post office)—According to press reports the Kusa Townsite & Improvement Co. plans to build a water system.

Santa Rosa, N. M.—Burns & McDonnell, Scarritt Bldg., Kansas City, Mo., has been engaged to prepare plans for the construction of a municipal water system and electric-light plant.

Colorado Springs, Colo.—The citizens plan to hold a special election to vote on the question of issuing $175,000 in bonds. The proceeds will be used for the improvement of the water system.

Caldwell, Idaho—Surveys are being made by the Succor Creek Irrigation District for a project to reclaim 10,000 acres of land. The work will include a diversion dam, storage

reservoir and distribution system. The estimated cost is $110,000.

Council, Idaho—An election will soon be held to vote on the question of issuing $18,000 in bonds, the proceeds of which will be used for the construction of a municipal water system.

✚**Mountain Home, Idaho**—The Mountain Home Coöperative Irrigation Co. has awarded the contract for the construction of an irrigation system to MANEY BROS., Boise, at $62,000.

✚**Bingham Canyon, Utah**—(Official)—The contract for the improvement of the water systems has been awarded to KEELER BROS., Denver, Colo., at $17,000. John Duser, Salt Lake City, is City Engr. Noted July 29 and Aug. 19.

Newport, Ore.—The city has been granted a permit for the use of the waters of Spencer Creek for the construction of a municipal water system. The work will include the construction of a dam, concrete reservoir and a pipe line about 10 miles long. The estimated cost is $24,000. John H. Lewis is State Engr.

✚**Arcadia, Calif.**—The MERCHANTS REALTY & INVESTMENT CO., Van Nuys Bldg., Los Angeles, at $12,456, has been awarded the contract for the construction of two concrete reservoirs.

Arcadia, Calif.—Bids will be received until Sept. 2 by the City Trustees for digging and backfilling about 20 miles of water main trenches. George E. Grimes is City Clk.

Lindsay, Calif.—According to press reports plans are being considered for the formation of the Lindsay-Strathmore Irrigation District to irrigate 18,550 acres. The estimated cost is $1,568,169.

✚**Orosi, Calif.**—The contract has been awarded to MICHAEL J. CARROLL, Exeter, for constructing a water system at East Orosi.

Portersville, Calif.—The Deer Creek Irrigation District, recently organized, plans to construct an irrigation system at an estimated cost of $1,000,000. Stephen E. Kieffer, San Francisco, is Ch. Engr.

Matheson, Ont.—Plans are being prepared by McAustan & Anderson, Engr., North Bay, for the construction of a water system. Bonds for $20,000 have been voted for this purpose. Noted Aug. 12.

✚**Perth, Ont.**—THE ROBERTS FILTER MFG. CO., Philadelphia, Penn., at $15,000, has been awarded the contract for the installation of a filtration plant.

SEWERS

Briarcliff Manor, N. Y.—Plans are being prepared by Clyde Potts, Consult. Engr., 30 Church St., New York, for the construction of approximately six miles of vitrified pipe sewers, settling tanks, sand filters and a sewage pumping station.

Farmingdale, N. Y.—Plans have been prepared for the construction of a sewage-disposal plant at the New York State Farm School of Agriculture. The estimated cost is $35,000.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received until 11 a.m., Sept. 1, by L. H. Pounds, Borough Pres., for the construction of sewer basins in New Jersey, Hegeman, Glenmore, Williams Ave., West, Pine and Hemlock St.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids were received Aug. 18 by Marcus M. Marks, Borough Pres., for the alterations and improvements to the sewers in (a) First Ave., (b) outlet sewer at Dyckman St. and the Hudson River, including the construction of a submerged outlet and screening chamber, as follows: C. E. Farrell Contracting Co., (a) $5940; P. Reilly, (a) $4999; Lawrence Contracting Co., (a) $6051; Melrose Construction Co., (a) $4537, (b) $36,561; J. H. Haidwvan, (a) $4595; P. J. Kearns Contracting Co., (a) $5041, (b) $48,185; Casperine & DeBlasio, 357 East 116th St., New York, (a) $4457, (b) $51,250; Fitzgerald & Brennen, (a) $5158; E. J. Grannis, (a) $4999; Kingsbridge Contracting Co., (b) $35,380; Merrill Ruckgaber Co., (b) $44,397; H. E. Fox Construction Co., 81 East 125th St., New York, (b) $32,040; P. J. Duffy, (b) $53,530. Noted Aug. 12.

✚**New York, N. Y.**—(Borough of Manhattan)—(Official)—The contract for the construction of sewers in Ellwood St. and Sherman Ave. has been awarded to W. F. ELRAY, 1640 Maconds Dam Rd., New York. Noted Aug. 19.

New York, N. Y.—(Borough of Queens)—(Official)—Bids will be received until 11 a.m., Sept. 1, by Maurice E. Connolley, Borough Pres., for the construction of sewers and appurtenances in Maspeth, Perry, Maurice, Grant, Clark Ave. and Rust St., Second Ward.

New York, N. Y.—(Borough of Queens)—(Official)—Bids were received Aug. 12 by Maurice E. Connolly, Borough Pres., for the construction of sewers and appurtenances in Atlantic Ave., Fourth Ward, as follows: Murphy Bros. $31,811; Frank Paino, $32,676; Green Contracting Co., $38,836; L. E. Kelly, $41,264; Clancy & Van Alst, $39,948; Peace Bros., $40,385; H. J. Mullen Contracting Co., $37,641; Rosenthal Engineering & Contracting Co., $43,389; Joseph L. Segretti Co., $41,828; Stanhope Contracting Co., $36,891; A. Paino, 67 Bay 47th St., Brooklyn, $31,460. Noted Aug. 12.

Schenectady, N. Y.—At a recent election the citizens voted to issue $80,000 in bonds, the proceeds of which will be used for completing the sewage-disposal plant and constructing trunk sewers to connect with the intercepting sewer.

✚**Skaneateles, N. Y.**—The contract for the construction of a sewer in Elizabeth St. has been awarded to SAMUEL BONN, Syracuse. The estimated cost is $5000.

✚**Utica, N. Y.**—The contract for the construction of segment block storm relief sewers in Jay St. and Kossuth Ave. has been awarded to N. D. PETERS & CO., at $11,874. Noted July 29.

✚**Yonkers, N. Y.**—Contracts for sewer construction have been awarded to JOHN O. WESTON, at $8349, for constructing McLean and Wakefield Ave. sewer; C. I. PEARSALL, at $7745, for reconstructing the Hawthorne and Warburton Ave. outlet sewers at Wells Ave.

South Boundbrook, N. J.—Plans are being prepared by Clyde Potts, Consult. Engr., 30 Church St., New York, N. Y., for the construction of approximately five miles of 8- to 15-in. vitrified sewers and settling tanks.

✚**Wildwood, N. J.**—The contract for the construction of a sewage-disposal plant has been awarded to STANLEY KALBACK, Wildwood, at $36,044.

Sunbury, Penn.—The city contemplates the construction of a sewer system. The estimated cost is $500,000.

Baltimore, Md.—The Sewerage Commission has appropriated $5000 for the construction of sewers in 26th St. and Huntington Ave.

Altavista, Va.—The city contemplates the construction of sewer and water systems. The estimated cost is $35,000.

Crewe, Va.—The city contemplates the construction of approximately 5½ miles of sewers. J. K. Ord is Mayor.

Richmond, Va.—Bids will soon be received for the construction of a sewer system in Scotts Addition. The estimated cost is $55,000.

South Boston, Va.—At a recent election the citizens voted to issue $100,000 in bonds. Part of the proceeds will be used for the construction of sewers. W. L. Penick is Mayor. Noted Aug. 5.

Albemarle, N. C.—(Official)—The estimated cost of the proposed sewer system is $25,000. Bids will be received by the City Commissioners. J. W. D. Spinks is City Engr. Noted Aug. 12.

Raeford, N. C.—The city contemplates the construction of sewer and water systems. The estimated cost is $40,000.

✚**Warrenton, N. C.**—(Official)—The contract for the construction of approximately 7½ miles of sewers has been awarded to W. M. WILKES, Atlanta, Ga. Noted July 22.

Cartersville, Ga.—(Official)—At a recent election the citizens voted to issue $60,000 in bonds, the proceeds of which will be used for the construction of a sewer system. Noted July 22.

Eustis, Fla.—(Official)—An election will be held Oct. 5 to vote on the question of issuing $20,000 in bonds. The proceeds will be used for the construction of approximately three miles of sanitary sewers and Imhoff tanks. Noted July 29.

Leesburg, Fla.—An election will be held Sept. 11 to vote on the question of issuing $35,000 in bonds. The proceeds will be used for the construction of sewers. L. M. Johnson is City Clk.

New Iberia, La.—It is reported that the city contemplates the construction of a sewer system.

North Chattanooga, Tenn.—The city contemplates issuing $50,000 in bonds, the proceeds of which will be used for the construction of a sewer system.

Bardwell, Ky.—The city contemplates the construction of a sewer system.

Owensboro, Ky.—The Council has appropriated $6000 for the construction of a sewer in the Old Ravine on West Second St.

✚**Paducah, Ky.**—(Official)—All bids received Aug. 3 by L. A. Washington, Comr. of Pub. Wks., for the construction of the outfall sewer, District No. 3, Contract No. 1, were rejected. New bids will not be received until after the election in November at which the citizens will vote on a bond issue. Noted Aug. 12.

✚**Cincinnati, Ohio**—The contract for the construction of a sewer in Hoge St. has been awarded to M. J. McCARTHY, at $8310.

✚**Cuyahoga Falls, Ohio**—The contract for the construction of the Portage St. sewer has been awarded to B. R. BREEN, Akron, at $7641.

✚**Hamilton, Ohio**—(Official)—The contract for the construction of sanitary sewers has been awarded to the JOHN L. WALKER CO., Hamilton, at $22,507. Noted Aug. 12.

Mansfield, Ohio—The city contemplates the construction of sewers in various streets, estimated to cost $7700. W. J. Hazeltine is City Engr.

Portsmouth, Ohio—Preliminary plans are being prepared by George S. Wilhelm, City Engr., for the construction of sewers in the northern and eastern sections of the city extending into Lawsons Run.

Indianapolis, Ind.—The Board of Public Works plans to construct a sanitary sewer interceptor to connect the Warman Ave. sewer with the Harding St. interceptor. The estimated cost is $25,000. B. J. T. Jeup is City Engr.

Logansport, Ind.—(Official)—Bids will be received about Jan. 1 for the construction of sewers in the eastern section of the city. The estimated cost is $35,000. William Pickett is Clk. Noted Aug. 19.

Detroit, Mich.—Plans are being prepared by Mason L. Brown, Engr., for the extension of the Ford Village sewer system into new subdivisions.

Mason, Mich.—An election will be held Sept. 14 to vote on the question of issuing $34,000 in bonds, the proceeds of which will be used for the completion of the lateral and trunk sewers and for the construction of a sewage-disposal plant.

Aurora, Ill.—Plans are being prepared by Myron Tarble, City Engr., for the construction of septic tanks at sewer outlets. One septic tank will be constructed each year at an estimated cost of $10,000.

Appleton, Wis.—Plans have been prepared by A. C. Bemley, City Engr., for the construction of approximately 16,000 ft. of trunk sewers.

✚**Mayville, Wis.**—The contract for the construction of a sewer system has been awarded to DAVID VON STELLE CO., Sheboygan, Wis., at $31,450. Noted July 15.

Superior, Wis.—The City Commission has authorized the construction of sewers in Cadotte Ave. and West 12th St. The estimated cost is $10,000.

Sioux City, Iowa—Plans have been prepared by T. H. Johnson, City Engr., for the construction of approximately 15,500 ft. of 8-in. sewers. Bids will be received about Sept. 1. The estimated cost is $12,000. P. J. Wells is City Clk.

Ely, Minn.—The Council has instructed the City Engineer to prepare plans for the construction of a settling tank with a capacity of 600,000 gal.

Lincoln, Neb.—The city contemplates the construction of a sewer system in the region bounded by O St., the high school, 21st St. and the Antelope Channel. The estimated cost is $11,000. Adna Dobson is City Engr.

✚Watertown, S. D.—(Official)—The contract for sewer construction has been awarded to the OFFERMAN CONSTRUCTION CO., South Omaha, Neb., at $79,289. Noted July 29.

Thermopolis, Wyo.—Bids will be received until 2 p.m., Sept. 6, by A. J. Lowry, Town Clk., for the construction of a sewer system.

Bozeman, Mont.—The city contemplates the construction of sewers in South Sixth and Church Ave. The estimated cost is $14,000.

Columbus, Mont.—The city contemplates the construction of a sewer system in the business section.

Carthage, Mo.—Plans are being prepared by C. B. Newton, City Engr., for the construction of sewers in two districts.

Liberty, Mo.—It is reported that an election will soon be held to vote on the question of issuing $20,000 in bonds. The proceds will be used for extending the sewers.

✚Poplar Bluff, Mo.—(Official)—The contract for the construction of sewers in Sanitary Sewer District No. 2 has been awarded to V. E. KOCH, Joplin, at $16,749. Noted Aug. 5.

✚St. Louis, Mo.—The contract for the construction of the Florissant Ave. public sewer extensions in Sections Nos. 1 and 2 has been awarded to the MYERS CONSTRUCTION CO., St. Louis, at $6623. Noted Aug. 15.

✚Argenta, Ark.—The contract for two 14,000-gal. sewage pumps, two 60 hp. slow speed motors and other equipment has been awarded to HENRY R. WORTHINGTON, 115 Broadway, New York, N. Y. Noted Aug. 5.

✚Fordyce, Ark.—The contract for the construction of a sewer system has been awarded to WILLIAM S. McDOWELL, at $20,000.

Little Rock, Ark.—The city will construct, by day labor, a main sewer interceptor from the 19th St. viaduct to Fourche Bayou. The estimated cost is $5000.

Midvale, Utah—The city contemplates the construction of sewer and water systems.

Richfield, Utah—At a recent election the citizens voted to issue $25,000 in bonds, the proceeds of which will be used for the construction of a sewer system. Noted Aug. 19.

Bellingham, Wash.—The city contemplates the construction of a trunk sewer in Ellis St. The estimated cost is $12,000.

Pullman, Wash.—Bids will be received until 8 p.m., Sept. 7, by the city, for the construction of sewers in Improvement District No. 24. The estimated cost is $12,000. L. V. Edwards is City Engr. Noted June 24.

Seattle, Wash.—Bids will soon be received for the construction of the Ballard trunk sewer. The estimated cost is $436,182. A. H. Dimock is City Engr. Noted June 10.

Forest Grove, Ore.—(Official)—Plans are being prepared for the construction of storm sewers. The estimated cost is $15,000. A. A. Kirkwood is City Engr.

Auburn, Calif.—An election will be held Sept. 14 to vote on the question of issuing $22,000 in bonds. Part of the proceeds will be used for extending the sewer system. Noted July 1.

✚Los Angeles, Calif.—The contract for the construction of sewers in Fountain Ave. has been awarded to ADAM DALMATION, at $10,975. Noted Aug. 19.

Santa Barbara, Calif.—Bids will be received until Sept. 16 by the City Clerk for the construction of sewers. The estimated cost is $21,000. A. B. Cook is City Engr.

✚Santa Cruz, Calif.—The City Council has awarded the contract for the extension of the sewer system to W. J. TOBIN, Santa Cruz, at $9842.

Toronto, Ont.—Bids will be received until noon, Aug. 31, by T. L. Church, Chn., Bd. of Control, for the construction of sewers in Dundas, Erie, Clair and Russel Hill St.

GARBAGE

Akron, Ohio—The Director of Public Service is receiving bids for the collection and disposal of garbage for one year. Estimated cost, $20,000 to $24,000.

Mansfield, Ohio—At a recent election the citizens voted in favor of the question of issuing $10,000 in bonds, the proceeds of which will be used for enlarging the garbage crematory.

Rock Island, Ill.—Bids will be received until 2 p.m., Sept. 1, for the installation of a 24-ton garbage incinerator.

STREETS AND ROADS

Boston, Mass.—(Official)—Bids will be received until noon, Aug. 31, by the State Highway Commission for the construction of 5200 lin.ft. of state road in Chelmsford Township.

Boston, Mass.—(Official)—Bids will be received until noon, Aug. 31, by the State Highway Commission for constructing 13,600 lin.ft. of state highway in Ware and Palmer Townships.

✚Greenwich, Conn.—(Official)—The contract for resurfacing a portion of Putnam Ave. has been awarded to the CHARLES T. EASTBURN CO., 104 West Sidney Ave., Mt. Vernon, N. Y.

Hartford, Conn.—Bids were received by the State Highway Commissioner, Aug. 16, for state road work as follows: Southington Township, about 6200 lin.ft. 2-in. bituminous macadam on the Misery Brook Rd., Leonardo Suzio, Meriden, $8976; Berardino & Tomasetti Construction Co., Inc., Meriden, $12,208; Robert D. Daley Co., New Haven, $12,599; Thomas Kearney, Meriden, $10,191; H. L. & W. L. Immich, Meriden, $10,406; A. D. Bridge's Sons, Inc., Hazardville, $9897; Lane Construction Corporation, Meriden, $10,191; Louis Longhi & Bro., Torrington, $10,866. North Haven Township, about 4950 lin.ft. trap rock macadam on the Mount Carmel Rd. A. D. Bridge's Sons, Inc., Hazardville, $6932; Lawrence Bruce, North Haven, $8908; John Arborio, 172 Congress Ave., New Haven, $7195; Robert D. Daley Co., New Haven, $7104; Thomas Kearney, Meriden, $7032; H. L. & W. L. Immich, Meriden, $7006; Stafford & Mather, Hartford, Conn., $7547. Waterford Township, about 5937 lin.ft. native stone macadam on the Hartford-New London Turnpike, Framingham Construction Co., South Framingham, Mass., $9822; Louis Longhi & Bro., Torrington, $12,012; Stafford & Mather, Hartford, $10,545; Goodman & Trumbull Co., Litchfield, $10,543; Robert C. Miller Contracting Co., Hartford, $10,926; Doan O'Connor, 803 Main St., Hartford, $12,480; Frank A. Wilcox, Norwich, $11,175; Archie B. Cadwell, New Britain, $10,750; A. D. Bridge's Sons, Inc., Hazardville, $13,480; John Arborio, 172 Congress Ave., New Haven, $12,398. Middlefield Township, about 4940 lin.ft. 2-in. bituminous macadam resurfacing on the Middlefield Rd., F. Arrigoni & Bro., Middletown, $7570; A. Brazos & Sons, Middletown, $8903. Noted Aug. 5.

✚Hartford, Conn.—The contract for constructing about 2590 lin.ft. of amiesite pavement on Main St., Killingly Township, Danielson post office, has been awarded to the CONNECTICUT & RHODE ISLAND CO., Meriden, at approximately $8825. Noted Aug. 5.

New York, N. Y.—(Borough of Bronx)—(Official)—Bids will be received until 10:30 a.m., Aug. 31, by Douglas Mathewson, Borough Pres., for regulating, grading, curbing and laying sidewalks on a number of streets.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids were received Aug. 18 by L. H. Pounds, Borough Pres., for improving 83rd St. from Seventh to 12th Ave., as follows: Uvalde Asphalt Paving Co., $14,936; Cranford Co., $15,191; Brooklyn Alcatraz Asphalt Co., $13,812; Barber Asphalt Paving Co., $15,272. Noted Aug. 12.

✚New York, N. Y.—(Borough of Brooklyn)—(Official)—The contract for regulating and repaving Jamaica Ave. from Broadway to the borough line has been awarded to the H. J. MULLEN CONTRACTING CO., Fulton St., Jamaica, at $105,297. Noted Aug. 5 and 19.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received until 2 p.m., Aug. 31, by Marcus M. Marks, Borough Pres., for regulating, grading, curbing and laying sidewalks on various streets.

New York, N. Y.—(Borough of Queens)—(Official)—Bids were received Aug. 19 by Maurice E. Connolly, Borough Pres., for regulating and repaving with improved granite blocks on a concrete foundation, Grand St. from the main line of Long Island R.R. to Hoffman Blvd., as follows: Lanford Co., $32,617; W. J. Scanlon Co., $29,244; Clancy & Nuhn, $29,895; Charles Puckelwaldt, $34,013; J. B. La Marsh, $32,918; H. J. Mullen Contracting Co., $28,809; Evergreen Construction Co., $29,998; Peace Bros., $34,084; Rosenthal Engineering & Contracting Co., $30,467. Noted Aug. 12.

Belleville, N. J.—(Official)—Bids will be received until 8:30 p.m., Aug. 31, by the Board of Commissioners of Belleville for paving Belmont Ave., Heckel St. and Overlook Ave. Frank T. Shepard is Town Engr.

Collingswood, N. J.—The Borough Council has voted to improve the important streets with coatings of asphalt oil.

Englewood, N. J.—(Official)—Bids will be received until noon, Sept. 7, by the Board of Chosen Freeholders of Bergen County, Hackensack, for improving Palisade Ave. from Engle Ave. to the entrance to Interstate Park.

Jersey City, N. J.—Bids will be received until Sept. 2 by the Board of Commissioners for repaving Garfield Ave. from Bay View Ave. to Merritt St.

Jersey City, N. J.—(Official)—Bids will be received until 11 a.m., Sept. 2, by the Board of City Commissioners for repaving Arlington and Bay View Ave. Michael I. Fagen is City Clk. and Charles A. Van Keuren is City Engr.

Jersey City, N. J.—Bids will be received until 11 a.m., Sept. 9, by the Board of City Commissioners for repaving Pine St. and Communipaw Ave. Michael I. Fagen is City Clk.

Jersey City, N. J.—Bids will be received until Sept. 2 by the Board of Commissioners for improving Columbia Ave.

✚Keyport, N. J.—The City Council has awarded a contract to CHARLES E. BURD, Red Bank, at $11,034, for the improvement of Broad St. with concrete pavement. Noted June 24 and July 15.

Long Branch, N. J.—The Board of Freeholders of Monmouth County, Freehold, plans to resurface Atlantic Ave.

★Montclair, N. J.—(Official)—Bids will be received until 8 p.m., Sept. 13, by Harry Trippett, Town Clk., for constructing concrete curb on either side of Valley Rd. from Church St. to Normal Ave., a distance of approximately 17,000 lin.ft.

Newark, N. J.—(Official)—Bids will be received until 3:30 p.m., Sept. 7, by the Board of Chosen Freeholders of Essex County for improving Central Ave., East Orange, and Washington Ave., Nutley. Frederic A. Reimer is County Engr.

Newark, N. J.—The Board of Freeholders has approved the construction of a new road at Overbrook Hospital to cost $12,780. Frederic A. Reimer, County Engr., will prepare plans and specifications.

Newark, N. J.—Bids were received Aug. 12 for repaving Belleville Ave. from Broad St. to Bloomfield Ave., as follows: Newark Paving Co., $15,346; Glenfield Construction Co., $15,386; Jackson Contracting Co., $15,744; Van Keuren & Son, $15,750; John S. Geiger & Son, $15,860; Alexander J. Milmoe, $16,243; Ralph Sangiovanni, $16,329.

✚Summit, N. J.—The contract for paving Morris Ave. has been awarded to C. H. WINANS & CO., Elizabeth, at $16,029.

Union, N. J.—(Weehawken post office)—(Official)—Bids will be received until 8 p.m., Sept. 7, by the Town Council for remaking, improving and repaving portions of Fulton St. and Bergenline Ave. Emil Bantz is Town Clk.

Bethlehem, Penn.—The City Council will soon receive bids for paving Broad St. from the western borough limits to First Ave., Linden St. from Broad St. to the northern borough limits, South Main St. from Eagle Hotel to Chapel, North Main St. from Garrison to Goepp St. and Prospect Ave. from Hanover St. to Hanover Ave.

Bloomsburg, Penn.—Bids will be received until Aug. 31 by W. H. Eyer, City Engr., for improving Market St.

Harrisburg, Penn.—(Official)—Bids will be received until noon, Aug. 30, by W. H. Lynch, Supt. of Sts. and Pub. Imp., for constructing approximately 8000 sq.yd. of sheet asphalt, 8500 sq.yd. of bituminous concrete and 4900 lin.ft. of 6-in. granite or granolithic curbing on 10 streets.

★**Marcus Hook, Penn.**—(Official)—Bids will be received until 8 p.m., Sept. 6, by Jesse Devonshire, Pres. of the Borough Council, for constructing approximately 7000 sq.yd. of pavement and 800 sq.yd. of concrete gutter. Charles Upham is Ch. Engr.

Philadelphia, Penn.—(Official)—Bids will be received until Aug. 31 by the Department of Public Works for improving a number of streets.

Philadelphia, Penn.—The McNichol Paving Co., 1723 Cherry St., at $212,500, submited the lowest bid for improving Delaware Ave. from Queen to Vandalia St.

✚**York, Penn.**—The contract for paving Newberry, West Poplar and West Philadelphia St. with asphalt has been awarded to the GENERAL SUPPLY & CONSTRUCTION CO., York, at $21,275.

✚**Georgetown, Del.**—A contract for constructing 20 miles of concrete road from Georgetown to Shelbyville has been awarded to the UTILITY CONSTRUCTION CO., New Brunswick, N. J., at approximately $35,544. Noted Aug. 12.

★**Wilmington, Del.**—All bids received Aug. 10 for improving a number of streets were rejected. Noted Aug. 5.

Monterey, Va.—Press reports state that the City Council will pave Main St. with macadam. Bonds for this purpose have recently been voted.

South Boston, Va.—At an election held Aug. 10, the citizens voted in favor of issuing $25,000 in bonds, the proceeds of which will be used for improving streets. Noted Aug. 5.

Parkersburg, W. Va.—The City Council has voted to pave Levee Drive, Ann St. and Murdoch Ave. with brick, 16th, 13th, Covert and other streets with concrete.

Wheeling, W. Va.—Bids will be received until 10 a.m., Aug. 27, by George W. Steenrod, County Rd. Engr., for macadamizing various county roads.

Angier, N. C.—At an election held Aug. 7 the citizens of Black River Township voted in favor of issuing $25,000 in bonds, the proceeds of which will be used for constructing roads.

Dobson, N. C.—At a recent election the citizens voted in favor of issuing $30,000 in bonds, the proceeds of which will be used for constructing roads in Shoals Township, Surry County.

Franklin, N. C.—An election will be held Sept. 11 to vote on the question of issuing bonds, the proceeds of which will be used for improving roads in Ellajay Township.

Florence, S. C.—Bonds for $40,000 have been sold, the proceeds of which will be used for improving streets. Noted June 17.

Gaffney, S. C.—Press reports state that the City Council contemplates an expenditure of $10,000 for street paving. John Jenkins is Engr.

Sumter, S. C.—An election will be held Sept. 7 to vote on the question of issuing $225,000 in bonds, the proceeds of which will be used to improve streets.

Cartersville, Ga.—(Official)—At a recent election the citizens voted in favor of issuing $15,000 in bonds, the proceeds of which will be used for street paving. Noted July 1 and Aug. 5.

Savannah, Ga.—An election will be held Sept. 21 to vote on the question of issuing $375,000 in bonds, the proceeds of which will be used for constructing a road from Savannah to Tybee, Chatham County.

Bradentown, Fla.—At a recent election the question of issuing $9000 in bonds, the proceeds of which was to have been used for paving Ware Creek Causeway and various streets, was defeated. Noted June 24.

Eustis, Fla.—(Official)—An election will be held Oct. 5, to vote on the question of issuing $40,000 in bonds, the proceeds of which will be used for street paving. Noted Jan. 21 and Mar. 11.

Pinellas Park, Fla.—All bids received for paving various streets with brick have been rejected. Noted July 1.

Sanford, Fla.—Press reports state that an election will be held Sept. 6 to vote on the question of issuing $250,000 in bonds, the proceeds of which will be used for hard surfacing 35 miles of road in Seminole County.

Vernon, Ala.—The Commissioners of Lamar County contemplate an expenditure of $150,000 for constructing roads throughout Lamar County.

Oberlin, La.—Bids will be received until Sept. 13 by C. Lindsley, Clk. of the Police Jury, for the sale of $150,000 in bonds, the proceeds of which will be used for constructing roads and bridges in Road District No. 5.

✚**Chattanooga, Tenn.**—The contract for paving Market St. from Ninth to Main St. and East Ninth St. from Market to A St. with wooden blocks has been awarded to the SOUTHERN PAVING & CONSTRUCTION CO., at $58,833. Noted June 24.

✚**Waverly, Tenn.**—A contract for constructing Humphreys County Highway has been awarded to the OLIVER HILL CONSTRUCTION CO., at approximately $200,000.

Columbia, Ky.—A special election will be held Sept. 11 to vote on the question of issuing $25,000 in bonds, the proceeds of which will be used for building roads in Adair County.

Nicholasville, Ky.—(Official)—Bids will be received until noon, Sept. 7, by the Fiscal Court of Jessamine County for constructing approximately 1½ miles of turnpike known as the Thomas Beaumont Rd. C. S. Woodward is Rd. Engr. of Jessamine County.

Ashland, Ohio—Press reports state that the City Council plans to pave West Sandusky St.

Carrollton, Ohio—Press reports state that the City Council plans to sell $35,000 in bonds, the proceeds of which will be used for paving Malvern St.

Cincinnati, Ohio—Contracts have been awarded for paving Rittenhouse St., Walter Ave. from Gilbert Ave. to its northern terminus to the KIRCHNER CONSTRUCTION CO., at $9613 and $6208 respectively; Ridgeway Ave. from Fredonia to Drexel St., to S. M. TANNER, at $2266.

Columbus, Ohio—(Official)—Bids will be received until Sept. 10 by Clinton Cowen, State Highway Comr., for improving roads in various counties.

✚**Cuyahoga Falls, Ohio**—The contract for paving Portage St. has been awarded to WINDSOR BROS., at $33,673. Noted July 15.

✚**Dayton, Ohio**—(Official)—The contract for paving Grand Ave. with brick has been awarded to CLIFTON HOOLIHAN, River St., Dayton. Noted Aug. 12.

East Liverpool, Ohio—(Official)—Bids will be received until noon, Sept. 2, by the Board of Trustees of St. Clair Township for constructing and improving several roads.

✚**Hudson, Ohio**—A contract for paving a number of streets has been awarded to WATTERS & DOWNS, Akron, at $35,000.

Lisbon, Ohio—(Official)—Bids will be received until noon, Aug. 30, by the Trustees of Center Township, Columbiana County, for improving roads. R. T. Morris is Clk. of the Trustees.

Lorain, Ohio—(Official)—Bids will be received until noon, Sept. 8, by L. B. Johnston, Dir. Pub. Ser., for paving East 28th St. from Broadway to the west approach of the subway.

Newark, Ohio—(Official)—Bids will be received until noon, Sept. 8, by the Commissioners of Licking County for constructing Sections 2 and 3 of the Granville and Croton Pike.

Salem, Ohio—Bids will be received until Sept. 2 by the Director of Public Service for paving Goshen Ave. and Tenth St. with brick.

Toledo, Ohio—Bids will be received until noon, Aug. 31, by Albert Neukom, Dir. Pub. Ser., for paving a number of streets.

Indianapolis, Ind.—Bids will be received until 10 a.m., Sept. 3, by the Board of Public Works for improving Winthrop Ave., 42nd and 22nd St.

★**La Porte, Ind.**—(Official)—The contract for paving Lincolnway and Lincolnway East with Danville repressed paving block with asphalt filler, 1½-in. sand cushion and 6-in. concrete foundation, has been awarded to FRANK J. KING, La Porte, at $20,988.

✚**South Bend, Ind.**—(Official)—A contract for constructing a concrete road in Penn Township has been awarded to TABER & HULLIHAN, Wabash, $53,936. Noted July 22.

✚**Howell, Mich.**—(Official)—The contract for paving Grand River Blvd. has been awarded to WILLIAM H. RYAN, Lansing, at $25,379. Other bids were: Victor Seger, Saginaw, $24,652; Henry Vanderveen, Grand Rapids, $25,089; A. H. Prange, $27,392; Herman & Green, $26,558; Clamer & Johnson, Hicksville, $27,182. Noted Aug. 12.

✚**Pontiac, Mich.**—A contract for constructing 7150 lin.ft. of concrete road has been awarded to the R. D. BAKER CONSTRUCTION CO., Detroit, at $16,355.

✚**Chicago, Ill.**—A contract for street paving has been awarded to the R. F. CONWAY CO. and the AMERICAN PAVING CO. at approximately $360,000.

Mattoon, Ill.—The Board of Local Improvements has approved plans for paving South 18th St., at an estimated cost of $25,848.

✚**Woodstock, Ill.**—(Official)—The contract for constructing concrete pavements on Newell St., Madison St. and McHenry Ave. has been awarded to LOGAN & GIERTZ, Elgin, at $21,700. Noted Aug. 12.

Boscobel, Wis.—Bids will be received until noon, Sept. 2, by the City Clerk for improving various streets.

Green Bay, Wis.—Bids will be received until 2 p.m., Aug. 30, by the City Clerk for paving Emilie St. from Jackson to Van Buren St. with reinforced concrete.

Reedsburg, Wis.—Bids will be received until 7:30 p.m., Sept. 14, by the City Clerk for paving North Albert Ave.

✚**Burlington, Iowa**—The contract for paving one mile of the Agency Rd. with concrete has been awarded to CAMERON, JOYCE & CO., Keokuk, at $15,000.

✚**Valley Junction, Iowa**—A contract for constructing 22,100 lin.ft. of curbing has been awarded to RAYMOND H. WHITE & CO., at $0.277 per lin.ft. Noted July 8.

Northfield, Minn.—At a recent election the citizens voted in favor of issuing $19,000 in bonds, part of the proceeds of which will be used for street paving. Noted Aug. 5.

Pipestone, Minn.—The City Council plans to pave approximately 30 blocks of street with concrete, at an estimated cost of $100,000.

Atchison, Kan.—(Official)—Bids will be received until 5 p.m., Sept. 6, by Victor L. King, City Clk., for paving a portion of Mound St.

Great Bend, Kan.—Bids will be received until 1 p.m., Sept. 1, by F. A. Moses for constructing 20,671 sq.yd. of asphaltic concrete pavement.

✚**Mitchell, S. D.**—The contract for paving West Fourth St. has been awarded to C. H. ATKINSON.

✚**Watertown, S. D.**—A contract for paving a number of alleys has been awarded to C. H. ATKINSON, Watertown, at $4912.

✚**Missoula, Mont.**—The contract for paving Pattee St. has been awarded to J. C. McGUIRE, Butte, at $21,252. Other bids were: G. H. Nash & Co., $22,324; M. F. Rohn Construction Co., Butte, $23,592.

✚**Kansas City, Mo.**—The contract for grading 39th St. from Jackson to Indiana Ave. has been awarded to A. W. WOOLEY, 2819 Belleville St., at $4027.

✚**Kansas City, Mo.**—The contract for grading Woodland Ave. from 43rd St. south to Swope Parkway has been awarded to NORTON BROS., 3517 Main St., at $11,895. Other bids were: W. C. Mullins, 24th and Wyandotte St., $17,955; J. O. West, 916 Charlotte St., $18,855; Edward Meegan, 23rd St. and Hardesty Ave., $19,920.

St. Joseph, Mo.—Bids will be received until Sept. 1 by the Board of Public Works for grading Commercial St. from 22nd to 29th St. and 29th St. from Commercial St. to Valley Rd.

✚**Houston, Tex.**—(Official)—The contract for resurfacing the Wallisville Rd. from Cushing Ave. to Hunting Bayou has been awarded to HANSON & SONS, Galveston, at $6412. Noted Aug. 12.

Ingleside, Tex.—At a recent election, the citizens of Aransas County Road District No. 3 voted in favor of issuing $75,000 in bonds, the proceeds of which will be used for constructing roads.

Liberty, Tex.—Press reports state that a special election will be held Sept. 22 to vote on the question of issuing $200,000 in bonds, the proceeds of which will be used for constructing the Cleveland precinct link of the Lufkin-Livingston-Houston Highway.

Port Lavaca, Tex.—Bids will be received until Sept. 1 by H. C. Innis, Mayor, for the sale of $17,000 in bonds, the proceeds of which will be used for street improvements. Noted July 15 and Aug. 12.

✚**Vernon, Tex.**—A contract for street paving has been awarded to the TAYLOR BUILDING CO., Ft. Worth, Tex., at $14,800.

Woodville, Tex.—An election will be held Aug. 28 to vote on the question of issuing $100,000 in bonds, the proceeds of which will be used for road construction in District No. 1, Tyler County.

American Fork, Utah—Bids will soon be received by the Commissioners of Utah County, Provo, for constructing about two miles of road from American Fork to Pleasant Grove.

Solomonsville, Ariz.—A special election will be held in the fall to vote on the question of issuing $100,000 in bonds, the proceeds of which will be used for constructing roads in Graham County.

Auburn, Wash.—The City Council has passed an ordinance authorizing the paving of approximately 19 blocks in the residential section, at an estimated cost of $30,266.

✚**Bellingham, Wash.**—The contract for paving D St. with asphalt has been awarded to the WASHINGTON PAVING CO., Tacoma, at $9384.

Calumet, Wash.—Bids will be received until 1 p.m., Sept. 7, by the Auditor of Wahkiakum County for improving portions of State Road No. 19.

✚**Centralia, Wash.**—The Lewis County Commissioners has awarded a contract for surfacing a section of the road on Jackson Prairie to SPEAKER & McKEE, at $5927.

✚**Colfax, Wash.**—The contract for constructing Permanent Highways Nos. 9-A and 9-B has been awarded to W. G. MULLIGAN & CO., Spokane, at $20,800. Noted Aug. 5.

✚**Olympia, Wash.**—The contract for constructing the Inland Empire Highway from Colville to Spokane has been awarded to E. G. MINER, Sandpoint, Idaho, at $11,560. Noted July 29.

Olympia, Wash.—Bids will be received until 2 p.m., Sept. 8, by W. R. Roy, State Highway Comr., for surfacing three miles of National Park Highway from Ashlock to Frances in Pacific County.

Puyallup, Wash.—Bids will soon be received for grading and graveling Fifth St. in Southwest Hill District. The estimated cost of the work is $18,050.

Tacoma, Wash.—Bids will be received until 11 a.m., Aug. 28, by the Commissioners of Pierce County for improving 5.574 miles of the Pacific Highway. T. N. Morris is Clk. of the Comrs.

✚**Walla Walla, Wash.**—The contract for paving First St. with bitulithic has been awarded to the WARREN CONSTRUCTION CO., Portland, Ore., at $15,098.

✚**Coquille, Ore.**—A contract for constructing one mile of hardsurfaced road has been awarded to S. C. SMALL, Marshfield.

✚**Portland, Ore.**—The contract for paving Washington St. from 20th St. to City Park has been awarded to the OREGON INDEPENDENT CO., Portland, at $8782. Noted July 29.

✚**Los Angeles, Calif.**—The contract for improving Westminster Ave. has been awarded to the CALIFORNIA-ARIZONA CONSTRUCTION CO., at $8432.

✚**Martinez, Calif.**—The Board of Supervisors of Contra Costa County has awarded a contract for the construction of a macadam road from the tunnel at the county line to Byron, a distance of three miles, to the RAISCH IMPROVEMENT CO., of San Francisco, Calif., at $35,625. Noted Aug. 19.

✚**Richmond, Calif.**—The City Council has awarded a contract for street work to GALBRAITH & JANES, at $6209.

✚**Sacramento, Calif.**—The California State Highway Commission has awarded contracts for highway construction as follows: Tulare County, between Goshen and Visalia, a distance of 6.4 miles, to WHITE & GASKILL, Long Beach, at $30,37; Tulare County, from the westerly boundary to the Southern Pacific grade, 3.9 miles, to WHITE & GASKILL, at $13,812; San Luis Obispo County, between Atascadero and Paso Robles, 10 miles, to JOHN D. MARSH, Bakersfield, at $67,809; Monterey County, between Greenfield and Camphora, 11.7 miles, to the HIGHWAY PAVING CO., San Francisco, at $54,507; Santa Barbara County, between Gaviota and Zaca Station, 11.4 miles, to C. H. HUDSON, Los Angeles, at $54,586; Colusa County, through the town of Arbuckle, 0.3 mile, to the CLARK & HENERY CONSTRUCTION CO., Sacramento, at $5778; Marin County, between Burdell and St. Vincent, 4 miles, to R. B. MARBLE, JR., San Francisco, at $21,255. Noted July 22 and Aug. 5.

✚**Stockton, Calif.**—The City Council has awarded a contract for street improvements to EATON & SMITH, 407 11th St., San Francisco, at $84,556.

INDUSTRIAL WORKS

✚**Portland, Maine**—FORGIONE & ROMANO has been awarded the contract for the reconstruction of the six-story 52x90-ft. Galt Block Warehouse, Commercial and Thames St.

Springvale, Maine—The E. E. Wentworth Corp. will construct a plant for the manufacture of automobiles. The estimated cost is $50,000.

✚**Derry, N. H.**—The contract for the construction of a three-story, 40x200-ft. factory for the Woodbury Shoe Co. has been awarded to CYRUS A. MARTIN. Noted June 17.

✚**Blackstone, Mass.**—The Blackstone Cotton Co. has awarded the contract for the construction of a two-story, 90x120-ft., brick addition to its mill to the J. W. BISHOP CO., Worcester, Mass.

✚**Somerville, Mass.**—The contract for the construction of a rolling mill for the American Tube Works, 19 Oliver St., Boston, Mass., has been awarded to E. A. ABBOTT, 141 Milk St., Boston, Mass. Noted Aug. 19.

✚**Esmond, R. I.**—The Esmond Mills has awarded the contract for the construction of two, two-story, 62x89-ft., brick storehouses to O. D. PURRINGTON & CO., Providence, R. I.

✚**Providence, R. I.**—The B. B. Lederer Estate has awarded the contract for the construction of an auto sales and service building on Broad St., to F. L. PIERCE, 74 Weybosset St. Noted Apr. 15.

✚**Bristol, Conn.**—The New Departure Mfg. Co. has awarded the contract for the construction of a one-story, 120x252-ft. factory to LEVERING & GARRISON. The estimated cost is $65,000. W. P. Crabtree, New Britain, Conn., is Arch.

Waterbury, Conn.—Plans have been prepared by Joseph T. Smith, Arch., for the construction of a four-story 64x135-ft. building at Grand and Canal St. for the Waterbury Democrat.

✚**Amsterdam, N. Y.**—JOHN J. TURNER & SONS has been awarded the contract for the construction of a two-story, 35x40-ft. garage for Harvey Chalmers. The Fuller & Robinson Co., 95 State St., Albany, N. Y., is Arch. The estimated cost is $15,000.

Amsterdam, N. Y.—F. P. Sheldon, Arch., is preparing plans for four-story addition to the plant of the Shuttleworth Mills Co.

Buffalo, N. Y.—The Kellogg Structural Steel Co. has purchased a site at Bailey Ave. and Stone St., and will build a 55x185-ft. fabricating shop.

New York, N. Y.—(Borough of Bronx)—Plans have been prepared by C. Demmerle, 1510 Bryant Ave., for the construction of a one-story, 75x170-ft. garage for the Ciryell Building Co., 1414 Vyse Ave. The estimated cost is $12,000.

New York, N. Y.—(Borough of Brooklyn)—The Consumers' Biscuit Mfg. Co. plans the construction of a four-story, 100x200-ft. garage to cost $100,000. William J. Dilthey, Union Sq. West (Borough of Manhattan), is Arch.

New York, N. Y.—(Borough of Manhattan)—Plans have been prepared by J. Graham Glover, Arch., 222 Navy St. (Borough of Brooklyn), for the construction of a seven-story, 61x84-ft. cold-storage warehouse for the Manhattan Refrigerating Co., Gansevoort St. The estimated cost is $80,000.

Pearl River, N. Y.—Bids will soon be received by William E. Austin, Arch., 46 West 24th St., New York, N. Y., for the construction of a three-story addition to the Lederle Laboratories to cost $30,000.

Richfield Springs, N. Y.—Harold Brockway plans the construction of a two-story, 40x132-ft. garage.

✚**Rochester, N. Y.**—The contract for the construction of a factory for the Crowther Motor Co., Philadelphia, Penn., has been awarded to WILLIAM F. MARTENS.

Rochester, N. Y.—The Vacuum Oil Co. will build a two-story, 54x92-ft. addition to its plant by day work. The estimated cost is $45,000.

✚**Union, N. Y.**—The Union Forging Co. has awarded the contract for the construction of a one-story, 115x136-ft. factory to the MITCHELL CO., 74 State St., Binghamton, N. Y.

Camden, N. J.—The New Jersey Auto Supply Co. will build a two-story, 80x129-ft. garage. J. C. Jeffries, 1001 Chestnut St., Philadelphia, Penn., is Arch.

East Orange, N. J.—The Nitram Mfg. Co. will build a one-story, 40x160-ft. factory on Lang St. The estimated cost is $10,000.

✚**Elizabeth, N. J.**—The Waclark Wire Works has awarded the contract for the construction of a one-story factory to the ALMON ENGINEERING & CONSTRUCTION CO. The estimated cost is $16,000.

Allentown, Penn.—Bids are being received by Owen Clauss, 1340 Linden St., for the construction of a one-story, 30x60-ft. garage to cost $10,000. A. W. Leh, South Bethlehem, Penn., is Arch.

Allentown, Penn.—C. P. Clauser, Secy., Allentown Dairy Co. is receiving bids for the construction of a two-story, 20x75-ft. pasteurizing plant to cost $10,000.

Gettysburg, Penn.—George F. Eberhart will build a two-story, 57x180-ft. garage on Chambersburg St.

New Kensington, Penn.—Bids are being received by H. S. Shaw for the construction of a two-story, 60x120-ft. garage. The estimated cost is $15,000. W. J. Laughlin is Arch.

Philadelphia, Penn.—Henon & Boyle, Arch., 10 South 18th St., has prepared plans for the construction of a one-story, 37x200-ft. garage for Felt Bros.

✚Philadelphia, Penn.—R. W. Harvey has awarded the contract to JAMES JOHNSON, 1721 Ludlow St., for the construction of a one-story, 17x70-ft. garage, to cost $16,000.

Pittsburgh, Penn.—The contract will soon be awarded by Carlton Strong, Arch., Union Bank Bldg., for the construction of a one- and two-story, 40x93-ft. garage for the Bellefield Dwellings. The estimated cost is $12,000.

Pittsburgh, Penn.—Bids will soon be received by the F. L. Schmeltz Co., Arch., First National Bank Bldg., for the construction of a six-story, 60x80-ft. garage for E. W. Proeger. The estimated cost is $80,000.

Sharon, Penn.—Bids are being received by the E. E. Clepper & Cowles Co., Arch., 1005 Mahoning Bldg., Youngstown, Ohio, for the construction of a one- and two-story, 125x125-ft. garage for W. C. De Forest & Son.

Wheeling, W. Va.—The National Tube Co. contemplates the construction of a $5,000,000 plant.

✚Albemarle, N. C.—The Wiscassett Mills Co. has awarded the contract for the construction of a three-story 100x125-ft. mill to HOLDBROOKS & BRADSHAW, Salisbury, N. C. The estimated cost is $125,000.

Edenton, N. C.—The Edenton Cotton Mills plans the construction of a $20,000 addition to its plant.

Granite Falls, N. C.—The Falls Mfg. Co. will build a $100,000 mill. D. W. Warlick is interested.

✚Maysville, Ky.—The January & Wood Co. has awarded the contract for the construction of a three-story 70x116-ft. factory to HARDING & SIMONS.

Cleveland, Ohio—Plans have been prepared by the Samuel Austin & Son Co., Arch., 14,230 Euclid Ave., for the construction of an addition to the plant of the Kessler Mfg. Co., 1000 Newberg Ave. The estimated cost is $14,000.

Cincinnati, Ohio—Bids are being received by Max Kau, Arch., 2241 Stratford Ave., for the construction of a one-story, 50x106-ft. garage for the Park Garage Co. The estimated cost is $10,000.

Indianapolis, Ind.—The National Motor Car Co. will build a factory at 22d and Yandes St., to cost $30,000.

Mishawaka, Ind.—Revised plans have been prepared by the Mishawaka Woolen Mfg. Co. for the construction of a four-story, 100x235-ft. and a one-story 100x167-ft. addition to its plant.

Grand Rapids, Mich.—The Grand Rapids Paper Co.,231 Fulton St., W., will build a four-story 83x163-ft. brick plant at Bond Ave., N. E., and Fairbanks St.

Chicago, Ill.—J. J. Purcell, New York Life Bldg., will build a public garage at 4071 Broadway to cost $15,000. Doerr Bros., 28 East Jackson Blvd., is Arch.

Milwaukee, Wis.—The William Frankfurth Hardware Co., 119 West Water St., will build a two-story, 50x125-ft. warehouse. W. A. Kleinsteuber, 2912 State St., is Arch.

✚Sioux City, Iowa—The Watson Automobile Co., 523 Sixth St., has awarded the contract for the construction of a two-story, 100x150-ft. garage to JAMES B. ROBINSON. The estimated cost is $25,000. F. A. Frogh, Farmers' Loan & Trust Bldg., is Arch.

Sioux City, Iowa—The Haley, Neeley Co., Second and Pierce St., will build a four-story, 100x135-ft. cold-storage warehouse to cost $75,000. William L. Steele, United Bank Bldg., is Arch.

Albert Lea, Minn.—Bids are being received by the Albert Lea Hide & Fur Co. for the construction of a one- and two-story, 40x120-ft. warehouse to cost $12,000. Hoffman & Mosse, Rochester, Minn., is Arch.

✚Topeka, Kan.—The contract for the construction of a two-story 25x150-ft. reinforced-concrete warehouse at Second St. and Kansas Ave. for Whittelsey Bros. has been awarded to F. M. SPENCER & SON, Mulvane Bldg., at $10,000.

Wichita, Kan.—The Wichita Creamery Co. will build a three-story, 50x120-ft. creamery, at a cost of $20,000. B. F. Copley, 202 North Handley Ave., is Arch.

Omaha, Neb.—Bids are being received by Albert Kahn, Arch., 58 La Fayette Ave., Detroit, Mich., for the construction of a six-story, 132x264-ft. assembling plant for the Ford Motor Co. The estimated cost is $250,000. C. L. Gould, 1916 Harney St., is Res. Mgr. Noted Aug. 12.

Caruthersville, Mo.—It is reported that the Caruthersville Cotton Oil Co. will build a $15,000 grain elevator.

Kansas City, Mo.—The Duff-Repp Furniture Co. plans the construction of a five-story, 99x132-ft. warehouse on Locust St.

✚Kansas City, Mo.—The SWENSON CONSTRUCTION CO. has been awarded the contract for the construction of a five-story 47x115-ft. concrete warehouse at 2029 Grand Ave. for the Studebaker Wagon Mfg. Co., South Bend, Ind.

Galveston, Tex.—It is reported that plans are being prepared for the construction of a $60,000 cotton storage warehouse for W. L. Moody & Co.

Texas City, Tex.—The Texas City Co., recently incorporated with a capital of $1,370,000, will build an iron and steel plant. Harvey A. Thomas, Texas City, is interestd.

Portland, Ore.—Plans are being prepared by Sutton & Whitney, Arch., for the construction of a two-story warehouse for Mrs. Fannie E. Brown. The estimated cost is $45,000.

Medford, Ore.—The Western Beet Sugar Co. plans the construction of a factory to cost about $600,000. Noted Jan. 28.

FEDERAL GOVERNMENT WORK

★Dredging—Portland, Maine—Bids were received Aug. 16, at the U. S. Engineer Office, Portland, for dredging in the St. Crois River, as follows: Eastern Dredging Co., East Boston, 53.83c. per cu.yd.; Coastwise Dredging Co., Norfolk, Va., 54,25c.; John H. Gerrish, Boston, Mass., 54.7c.; J. S. Packard Dredging Co., Providence, R. I., 66.9c.; Bay State Dredging Co., Ltd., Boston, Mass, 59c. Noted July 22.

★Moving Guard Station—Arverne, N. Y.—Bids will be received until 2 p.m., Sept. 15, by the U. S. Coast Guard, Treasury Dept., Washington, D. C., for moving the Rockway Coast Guard Station. E. P. Bertholf is Capt.

★Coal—New York, N. Y.—Bids will be received until noon, Sept. 24, at the U. S. Engineer Office, Room 707, Army Bldg., 39 Whitehall St., New York, for furnishing and trimming into U. S. dredges during period ending Sept. 30, 1916, 9000 to 25,000 tons of bituminous coal.

✚Dredging—New York, N. Y.—The contract for dredging in Hempstead and Huntington Harbors, N. Y., has been awarded to P. SANFORD ROSS, Jersey City, N. Y., at $15,000. Noted July 15.

Buildings—Ft. Mifflin, Penn.—Bids were received Aug. 21, by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for the construction of buildings at the Naval Magazine, Ft. Mifflin, (a) shell house, (b) fixed ammunition house, (c) magazine, (d) re-forming plant extension, (e) work complete, all buildings, (f) additional price for each interior bay of shell house, as follows: Penn Bridge Co., Washington, D. C., (e) $67,437, (f) $2300; Edward Fay & Son, 2 South Mole St., Philadelphia, (a) $28,990, (b) $12,990, (c) $12,990, (d) $6890, (e) $61,960, (f) $2000; Charles D. Burns, Norristown, (a) $26,832, (b) $12,997, (c) $12,517, (d) $6044, (e) $55,686, (f) $2259; Monagan & Lasse, Philadelphia, (a) $31,168, (b) $20,527, (c) 19,808, (d) $6556, (e) $65,357, (f) $2146; Edward F. Fonder, Philadelphia, (a) $34,157, (b) $19,996, (c) $19,321, (d) $6400, (e) $67,338, alternate, $56,400, (f) $1590; Charles Gilpin, Harrison Bldg., Philadelphia, (a) $12,587, (b) $5290, (c) $24,998, (d) $11,996, (e) $53,749, (f) $1495; Armstrong & Latta, Philadelphia, (a) $33,421, (b) $16,723, (c) $15,736, (d) $7110, (e) $65,576, (f) $1600. Noted Aug. 12.

Post Office and Courthouse—Harrisburg, Penn.—Bids will be received until 3 p.m., Sept. 28, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for making extensions and remodeling the post office and courthouse at Harrisburg.

★Post Office—Smyrna, Del.—Bids will be received until 3 p.m., Sept. 29, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for constructing the post office at Smyrna. Noted Apr. 22.

Barracks—Norfolk, Va.—Bids will be received until 11 a.m., Sept. 25, at the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for the construction of a three-story brick marine barracks building at Norfolk. William M. Smith is Act Ch. of Bureau.

✚★Dredging—Norfolk, Va.—The contract for dredging inland waterway from Norfolk to Beaufort, N. C. has been awarded to P. SANFORD ROSS, Jersey City, N. J., at $119,000 Noted July and Aug. 12.

★Dredging and Rock Excavation—Norfolk, Va.—Bids will be received until noon, Sept. 23, at the U. S. Engineer Office, Custom House, Norfolk, for dredging and rock excavation in the James River.

✚Post Office—Quitman, Ga.—The contract for constructing complete the U. S. post office has been awarded to the WESTCHESTER ENGINEERING CO., White Plains, N. Y., at $38,891. Noted June 24.

Attendants' Quarters—Tampa, Fla.—Bids will be received until 3 p.m., Sept. 20, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for constructing attendants' quarters, disinfecting shed, oil house and wharf at the quarantine station at Tampa Bay.

★Machinery—Cincinnati, Ohio—Bids will be received at the U. S. Engineer Office, until 2 p.m., Sept. 24, for furnishing and installing operating machinery, etc., at Dam No. 29, Ohio River.

✚Post Office—Albion, Mich.—The contract for the construction of a post office at Albion has been awarded to the CALLAHAN-MANDL CO., Chicago, Ill., at $52,609. Noted June 24.

Post Office—Ypsilanti, Mich.—Bids were received Aug. 20, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for the construction of a post office at Ypsilanti, (a) limestone; (b) sandstone, as follows: Rogers & Kaiser, Chicago, Ill., (a) $55,768, (b) $59,768; Callahan-Mandl Co., Chicago, Ill., (a) $53,815, (b) $56,000; J. S. Wahlman, Ishpeming, (a) $49,330, (b) $50,685; Westchester Engineering Co., White Plains, N. Y., (a) $55,400, (b) $58,900; George W. Stiles Construction Co., Chicago, Ill., (a) $55,839; Potters' Lumber Co., East Liverpool, Ohio, (a) $56,756; Frank L. Johnson & Co., Duluth, Minn., (a) $48,746; W. G. Carter Co., Chicago, Ill., (a) $53,340, (b) $54,540; James Devault, Canton, Ohio, (a) $57,000, (b) $60,100; Barnes Bros., Logansport, Ind., (a) $54,629; Dieter & Wenzel Construction Co., Wichita, Kan., (a) $54,982; Charles W. Gindele Co., Chicago, Ill., (a) $52,500; A. W. Lane, Chicago, Ill., (a) $56,505; W. H. Fissell & Co., New York, (a) $53,990, (b) $58,800; Christ Kanzler & Son, Evansville, Ind., (a) $58,496; R. S. Moore, Lafayette, Ind., (a) $55,590, (b) $60,090; Balkin Construction Co., Chicago, Ill., (a) $53,011, (b) $57,743; Colonial Construction & Supply Co., Charlottesville, Va., (a) $52,497, (b) $57,409. Noted July 15.

✚Breakwater—Chicago, Ill.—The contract for the construction of a rubble mound breakwater in the Chicago Harbor has been awarded to the GREAT LAKES DREDGE & DOCK CO., Chicago, Ill., at $480,000. Noted July 8.

★Structures—Malta, Mont.—Bids will be received until 2 p.m., Sept. 20, at the office of the U. S. Reclamation Service, for structures, Nelson Reservoir South Canal, Milk River Project.

★**Revetment**—Kansas City, Mo.—Bids will be received until noon, Sept. 20, at the U. S. Engineer Office, for constructing about 13,000 lin.ft. of standard revetment on Missouri River, about two miles from Hartsburg, Mo.

✚**Post Office**—Longview, Tex.—On account of the refusal of the contract by V .E. Taylor, Ennis, at $36,250, the contract has been reawarded to GEORGE A. SHAUL, Seneca, Kan., at $38,790. Noted Apr. 29 and June 10.

Post Office—Blackwell, Okla.—Bids were received Aug. 19 by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for the construction of a post office at Blackwell, (a) limestone, (b) sandstone, as follows: George A. Stiles Construction Co., Chicago, Ill., (a) $36,800; Potter's Lumber Co., East Liverpool, Ohio, (a) $39,634, (b) $40,000; Hiram Lloyd Building & Construction Co., St. Louis, Mo., (a) $42,313, (b) $43,313; Algernon Blair, Montgomery, Ala., (a) $36,441; Newport Contracting & Engineering Co., Newport News, Va., (a) $40,615; W. H. Fissell & Co., New York, N. Y., (a) $40,976, (b) $41,776; Dieter & Wenzel Construction Co., Wichita, Kan., (a) $39,505; George A. Shaul, Seneca, Kan., (a) $38,505; W. D. Lovell, Minneapolis, Minn., (a) $41,800; Tom Lovell's Sons, Weatherford, Tex., (a) $41,174. Noted Aug. 12.

Barracks—Mare Island, Calif.—Bids will be received until 11 a.m., Sept. 25, at the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for the construction of a three-story, reinforced-concrete marine barracks building at Mare Island. William M. Smith is Act. Ch. of Bureau.

✚**Buildings**—San Diego, Calif.—The contract for the construction of seven buildings at the Naval Radio Station, has been awarded to the JACOBS CONSTRUCTION CO., Los Angeles, at $39,950. Noted Apr. 8 and June 24.

Wharf Extension—San Francisco, Calif.—Bids were received Aug. 21, by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for an extension to the receiving ship wharf at the Naval Training Station, San Francisco, extension to be 300 ft. long by 40 ft. wide, and to be of creosoted piles and creosoted braces supporting a timber deck as follows: Hyde, Harjes Co., 110 Market St., $9341; Mervey, Elwell Co., Oakland, $10,975; Tibbetts Pacific Co., 16 California St., $11,980; Thompson Bridge Co., 105 Market St., $9980; San Francisco Bridge Co., 14 Montgomery St., $10,347; C. E. Lamburth 110 Jesse St., $12,650; Healy-Tibbetts Construction Co., 9 Main St., $9730. All bidders of San Francisco unless otherwise specified. Noted Aug. 12.

Miscellaneous Supplies—Panama—Bids will be received until 10:30 a.m., Sept. 2, by Maj. F. C. Boggs, Gen. Pur. Agt., Panama Canal, Washington, D. C., for furnishing miscellaneous supplies.

✚**Dredging** — Pearl Harbor, Hawaii — The contract for dredging at the Pearl Harbor Naval Station has been awarded to the LORD-YOUNG ENGINEERING CO., Honolulu, Hawaii, at $0.43½ per cu.yd. Noted June 24.

Officers' Quarters—Pearl Harbor, Hawaii—Bids were received Aug. 21 by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for the construction of four wooden officers' quarters at the Naval Station, Pearl Harbor from: Lord-Young Engineering Co., Honolulu, Hawaii, $27,254, and Boller & Ingvorsen, Honolulu, Hawaii, $19,890. Noted July 8.

MISCELLANEOUS

Shore Protection—Boston, Mass.—Bids will be received until Aug. 31 by the Metropolitan Park Commission, for the construction of a concrete shore protection in Revere. John R. Rablin, 14 Beacon St., is Ch. Engr.

Abutments, Etc.—Salem, Mass.—Bids will be received until Aug. 30 by the Rebuilding Commission for building abutments and pile piers for the Congress St. extension. Edmund W. Longley is Chn. of Comn.

✚**Guard Railing**—Hartford, Conn.—The contract for the construction of about 34,009 lin.ft. of wood guard railing in the towns of Columbia, Cornwall, Danbury, Old Lyme, Ridgefield, Rocky Hill, Somers, Waterbury, Wethersfield, Winchester and Woodbury has been awarded to WEBSTER & WEBSTER, East Hartford, Conn., at $6036. Noted Apr. 15.

★✚**Barge Canal Work**—Albany, N. Y.—(Official)—The following are the bids received under Terminal Contract No. 46 for a dockwall and approach on the south side of the Seneca River, west of the Weedsport Bridge: Eastover Construction Co., Utica, $17,736; Scott Bros., Rome, N. Y., $13,658; Oswego Construction Co., Fulton, N. Y., $17,435; Frank M. Skene, Rochester, $15,556; Robert Provo, Syracuse, $14,887; Chesley, Earl & Humback, Buffalo, $14,695; Shaw & Lachon, Jamestown, N. Y., $15,139; M. Fitzgerald, Hoosick Falls, $16,641. The contract for constructing a harbor and dockwall on the south side of the Mohawk River at Canajoharies, under Contract No. 37, has been awarded to HOLLER & SHEPARD, Rochester, N. Y., at $32,572. Other bids were: A. M. Hazell, 90 West St., New York, $36,152; Champlain Engineering Contracting Corporation, Saratoga Springs, N. Y., $38,116; Lupfer & Remick, Buffalo, 3$2,940; Eastover Construction Co., Utica, N. Y., $36,427; American Pipe & Construction Co., Philadelphia, Penn., $36,227. Noted July 29.

★**Subway Station**—New York, N. Y.—(Borough of Bronx)—(Official)—The following are the bids received by the Public Service Commission for the station finish work for parts of the Seventh Ave., Lexington Ave. and White Plains Rd. Transit Railroads: Snare & Triest, $908,864; Post McCord, $1,414,505; Conners Bros., $972,789; Marble Arch Construction Co., $960,373; W. H. Egan, $971,387; Station Construction Co., $944,268; Altoria Realty & Construction Co., 3 East 44th St., New York, $860,636. Noted July 29.

✚**Dredging**—New York, N. Y. — (Borough of Brooklyn)—(Official)—The contract for dredging in Newtown Canal and in the canal and basin included within the boundaries of Johnson Ave., Montrose Ave., Morgan Ave., Varick Ave., and also in the Stagg St. Basin, and in Newton Creek near the intersection of Scott and Metropolitan Ave. has been awarded to JOHN & JOSEPH McSPIRIT, 118 Wayne St., Jersey City, N. J., at $7200. Noted July 29 and Aug. 29.

Ballast—New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received by the Public Service Commission, 154 Nassau St., until 12:15 p.m., Sept. 10, for furnishing the supply of ballast for use in the construction of Rapid Transit Railroads.

Track Supplies—New York, N. Y.—(Borough of Manhattan)—(Official)—The following are the bids received by the Public Service Commission for a supply of track materials: Tie plates, Type "A"—Herbert W. Lockwood, 260 West St., New York, $123,975; Jones & Laughlin, $125,628; L. D. Rockwell, $132,240; Elyria Iron & Steel Co., $148,770; Pennsylvania Steel Co., $157,035; Lackawanna Steel Co., $165,300; tie plates, Type "B"—L. D. Rockwell, $13,267; Herbert W. Lockwood, $13,496. The following bids are for the supply of special work, Order No. 4, for use in the construction of Rapid Transit Railroads: William Horton, Jr., Co., Inc., $41,907; Pennsylvania Steel Co., $46,684; Ramapo Iron Works, $47,130; for the supply of special work, Order No. 3, for use in the construction of Rapid Transit Railroads: Ramapo Iron Works, 30 Church St., New York, $54,960; Pennsylvania Steel Co., $61,665; William Horton, Jr., Co., Inc., $58,920; cast iron: American Brake Shoe & Foundry Co., 30 Church St., New York, $10,528; Foran Foundry & Manufacturing Co., $13,130; Central Foundry Co., $15,830; Eastern Malleable Iron Co., $21,331. Noted July 29.

Track Materials—New York, N. Y.—(Borough of Manhattan)—(Official)—The following are the bids received by the Public Service Commission for furnishing untreated ties and timber: J. H. Burton & Co., $1,273,856; Long Leaf Pine Co., Inc., $1,276,858; Alfred R. Sax Lumber Co., $1,332,961; Frawley-Kaufman Contracting Co., $1,612,149; Rapid Transit Subway Construction Co., $1,656,643; Church E. Gates & Co., two bids, $1,852,874, $1,856,746; Hirsch Lumber Co., $2,863,740; treated ties and timber: Long Leaf Pine Co., Inc., $100,362; Eppinger & Russell, $101,484; Republic Creosoting Co., $102,589; Alfred R. Sax Lumber Co., $116,278. Noted July 29.

Fence—New York, N. Y.—(Borough of Manhattan)—(Official)—The following are the bids received for erecting a w.-i. fence and setting artificial granite gate posts around Morningside Park: William Werner, $17,450; W. H. Egan, $17,700; Amana & DeBalso, $15,470; L. C. Maxwell Co., $17,760; G. B. Wells Co., $17,760; Kelly & Kelly, $15,900; S. Rosen, $20,200; L. Weschler, $18,290; T. J. Buckley, 303 Fifth Ave., New York, $14,890; Wallade Konop, $13,904 (informal); D. Donegan, $19,760. Noted Aug. 12.

Barge Canal Work—St. Johnsville, N. Y.—The date for receiving bids for construction work at St. Johnsville has been extended to Sept. 14. Noted Aug. 19.

Jetties—Atlantic City, N. J.—According to press reports the City Commissioners have decided to construct two jetties in the Chelsea section.

Fire Station—Secaucus, N. J.—Bids will be received until 8 p.m., Aug. 31, by the Borough Council for constructing a fire station. Adrian Post is Borough Clk.

Flood Protection—Erie, Penn.—The City Council plans to issue bonds for the reconstruction of Mill Creek in the flood area. B. E. Briggs is City Engr.

Improvements to Piers and Bulkhead—(Official)—Philadelphia, Penn.—Bids will be received by John Meigs, Dir., Dept. of Wharves, Docks and Ferries, until Aug. 30, for the following: Schedule "A," composition roofing at Race St. pier, Delaware River; Schedule "B," resurfacing with concrete-gun, Delaware River, bulkhead wall between Callowhill and South St.; Schedule "C," resurfacing concrete upper decks of Chestnut and Race St. piers on Delaware River.

★**Subway**—Philadelphia, Penn.—(Official)—The following are the bids received for constructing subway and station under Filbert St., City Hall and South Penn Sq.; Foundation Co., $1,763,870; Snare & Triest Co., $2,787,240; Frederick L. Cranford, Inc., and Smith, Hauser & MacIsaac, Inc., $2,404,770; New York & New Jersey Construction Co., $2,486,980; Keystone State Construction Co., Pennsylvania Bldg., Philadelphia, $1,737,320; Arthur McMullen Co., $2,286,060. Noted Mar. 18, July 8 and 15.

Subway—Philadelphia, Penn.—(Official) — The following are the bids received for constructing foundations in Front St., Kensington and Frankford Ave. from Callowhill St. to Unity St.: Edward Fay & Son, $188(278; Robert Lombardi $155,150; Keystone State Construction Co., $185,970; Peoples & Ruch, $235,240; American Paving & Construction Co., $315,640; Oscar Daniels Co., $225,815; Millard & Lupton Co., $273,150; James D. Darney, 204 East Montgomery Ave., Philadelphia, $149,235; New York & New Jersey Construction Co., $290,450; A. L. Guidone & Son, Inc., $202,334. Noted July 15.

Pier—Philadelphia, Penn.—(Official)—The following are the bids received by John Meigs, Dir. of Dept. of Wharves, Docks and Ferries, for the construction of substructure of Pier No. 78 and its adjacent bulkhead shed in the Delaware River, betwen McKean St. and Snyder Ave.: Snare & Triest Co., 233 Broadway, New York, N. Y., $516,700; Daniel S. Bader, Philadelphia, Penn., $539,000; Arthur McMullen Co., 149 Broadway, New York, $554,662; American Paving & Construction Co., Philadelphia, Penn., $569,000; Underpinning & Foundation Co., Philadelphia, Penn., $584,000; Armstrong & Latta Co., Philadelphia, Penn., $610,000. Noted June 24 and July 22.

✚**Dredging, Etc.**—Philadelphia, Penn.—(Official)—The following are the bids received for (a) dredging the Delaware River Channel opposite Port Richmond coal piers and (b) constructing a temporary bulkhead, Schuylkill River: E. H. VARE, Lincoln Bldg., Philadelphia, (b) $65,966 (awarded contract); Pugh & Hubbard, (b) $67,015; Peoples Bros., (b) $83,585; J. E. Brennen, (b) $87,212; Bowers Southern Dredging Co., Galveston, Tex., (a) $103,761; American Dredging Co., Philadelphia, (a) $108,486; Maryland Dredging Co., Baltimore, Md., (a) $111,510. Noted Aug. 5.

Pier—Baltimore, Md.—The Baltimore & Ohio R.R. will erect a coal pier at Curtis Bay to cost about $1,000,000.

✚**Retaining Wall, Bridges, Etc.**—Richmond, Va.—The Administrative Board has awarded the contract for the construction of a concrete retaining wall, two bridges, a covered flume, etc., to SAVILLE & CLAIBORNE, at $55,000.

✚**Dock and Warehouse**—Sanford, Fla.—The contract for constructing a dock and warehouse for the Clyde Steamship Co. has been awarded to S. D. SHINHOLSE, Jacksonville, at about $15,000.

Wharf—Tuscaloosa, Ala.—Press reports state that George Jacob Davis, Jr., has been engaged by the City Commission to prepare plans for constructing a municipal wharf.

Sea Wall—Bay St. Louis, Miss.—Bids will be received by the Board of Seawall Commissioners of District No. 1 for furnishing plans and specifications for a seawall about 8000 ft. long on the beach at Waveland.

Fire Boat Hull—Cleveland, Ohio—Bids will be received by the Commissioner of Purchases and Supplies, Room 511, City Hall, until noon, Sept. 1, for furnishing a new steel hull for the fireboat "Clevelander" and for installing equipment. Specifications may be obtained of A. A. Benesh, Dir. of Pub. Ser.

Fire Station—Cleveland, Ohio—The City Council will construct a fire station at East 116th and Kinsman Rd., to cost about $17,000. A. A. Benesch, 207 City Hall, is Dir. of Pub. Ser.

Comfort Stations—Columbus, Ohio—Bids will be received until Sept. 7 by George A. Borden, Dir. of Pub. Ser., for the construction of two comfort stations on the state grounds on High St. The estimated cost is $35,000.

Park Improvements—Zanesville, Ohio—The citizens have voted bonds for $26,500 for park improvements. John S. Dennis is City Engr. Noted Apr. 22.

Levee Improvements—Mound City, Ill.—Bids will be received by Charles Christmann, Secy., Rivers and Lakes Comn., 905 State Bldg., until Sept. 1, for levee repairs in Mound City. W. H. Moyers is Engr.

Drainage—Des Moines, Iowa—Jacob H. Harmon, Peoria, Ill., is making a survey for draining 23,000 acres of land in Polk, Jasper and Story Counties. The estimated cost is $400,000.

Levee Improvement—Glenwood, Iowa—Bids will be received by R. E. Humphrey, County Audr., until Sept. 7, for cleaning channel and repairing levees on Pony Creek Ditch. Seth Dean is Engr.

✚**Park Improvement**—Austin, Minn.—Press reports state that the contract for the removal of about 73,000 cu.yd. of earth has been awarded to the GREAT NORTHERN BRIDGE CO., Minneapolis, at 19,95c. per cu.yd.

✚**Ditch**—International Falls, Minn.—The contract for constructing Judicial Ditch No. 15 in Koochiching County, has been awarded by the County Commissioners to the Northern Minnesota Drainage Co., Little Fork, at $57,330.

Ditch—Morris, Minn.—Bids will be received by C. R. Wollthum, County Audr., until Sept 2 for constructing County Ditch No. 15. The estimated cost is $35,889.

Police and Fire Station—West Duluth, Minn.—Plans are being prepared by F. G. German, Arch., Duluth, for the construction of a police and fire station.

Dikes—Kansas City, Kan.—Bids will be received until 10 a.m., Sept. 3, by the Board of Directors, Kaw Valley Drainage District, 719 Osage Ave., Kansas City, for the construction of about 3500 lin.ft. of reinforced-concrete dikes. T. E. Myers is Pres.

Motor Fire Apparatus—Omaha, Neb.—The City Council plans to motorize the fire department; also install a fire alarm system.

Levees—Austin, Tex.—An election will be held soon to vote on a $120,000 bond issue for reclaiming about 120,000 acres in County Levee District No. 2. Arthur A. Stiles is State Reclamation Engr.

Drainage—Waxahachie, Tex.—The Commissioners of Ellis County Drainage District No. 2 contemplate draining about 20,000 acres of land.

Sanitarium, Bath House, Etc.—Manitou Springs, Colo.—The Manitou Mineral Water Co. is having plans prepared for a marble bath house, sanitarium and an open air swimming pool. The estimated cost is $500,000.

✚**Drainage**—Monte Vista, Colo.—The Rio Grande Drainage District Commissioners have awarded the contract for drainage work to ROBERT M. QUIGLEY, Denver, Colo. The estimated cost is $30,000. E. O. Cramer is Secy. Noted July 29.

✚**Steamship**—Seattle, Wash.—The New York & Cuban Mail Steamship Co. has awarded a contract to the SEATTLE CONSTRUCTION & DRYDOCK CO. for the construction of a 6000-ton steel steamship.

✚**Sprinkler System**—Tacoma, Wash.—The contract has been awarded to the PACIFIC FIRE EXTINGUISHER CO., Colman Bldg., Seattle, for the installation of 7000 Grinnell sprinkler heads and a fire protection system in the warehouses and elevators of the Tacoma Grain Co. and Sperry Flour Mills, both at Tacoma, same being combination system for two establishments. Estimated cost, $35,000.

✚**Pier**—Flavel, Ore.—The contract for the construction of an additional pier to the Hill Terminal has been awarded to the J. A. McEACHERN CO., Seattle, Wash., at about $15,000.

Esplanade—San Francisco, Calif.—According to press reports, the City Engineer has completed plans for the construction of an esplanade near the Cliff House to cost about $50,000.

✚**Pier**—San Francisco, Calif.—The State Board of Harbor Commissioners has awarded a contract for the construction of Pier 22, near the foot of Bryant St., to the TIBBETTS-PACIFIC CO., at $48,877.

★**Cemetery Plans**—Cochrane, Ont.—(Official)—Bids will be received until Sept. 15 by the Clerk, for furnishing plans and prices for work in laying out burial plots of a cemetery 466⅔ ft. by 466⅔ ft.

BUILDINGS

Other items relative to Building Construction will be found under the following heads: "Industrial Works," "Federal Government Work" and "Miscellaneous."

✚**Manchester, N. H.**—The contract for the construction of a synagogue for the Congregation Anshay Sfard has been awarded to ALPHONSE GRENIER, to cost about $40,000.

Nashua, N. H.—George Markarian plans the construction of a four-story, brick business block on West Pearl St. The estimated cost is $50,000.

✚**Amherst, Mass.**—The Building Committee has awarded the contract for the construction of a $120,000 high school to the CASPER RANGER CONSTRUCTION CO., Holyoke, Mass. C. P. Hoyt is Arch. Noted Apr. 1.

✚**Dedham, Mass.**—(Official)—Samuel H. Capen, Chn. of Bldg. Com., has awarded the contract for the construction of a high school to L. B. TAYLOR, Athol, Mass., at $103,775. Noted July 26 and Aug. 12.

Fitchburg, Mass.—(Official)—The contract will soon be awarded by W. S. Bullock, for the construction of a theater on Main near Oliver St. George A. Whitney is Arch.

✚**North Grafton, Mass.**—The State Board of Insanity has awarded the contract for the construction of a two-story, 70x114-ft. dining-room and service building at the Grafton Colony to J. P. KEATING, Westboro, Mass.

Southbridge, Mass.—All bids were again rejected by the School Commission for the construction of a high school. The plans will be revised. F. E. Corbin is Secy. of the School Com.

✚**Newport, R. I.**—The DARLING-SLADE CONSTRUCTION CO. has been awarded the contract for the construction of the John Clark school on Mary St., to cost $68,500. Thomas Weaver is Arch. Noted June 3.

Providence, R. I.—Bids have been received for the construction of an 18-room school at Beaufort St. and Mt. Pleasant Ave. as follows: Famiglietti Bros. Co., $148,600; J. W. Bishop Co., $145,829; Norcross Bros. Co., $153,800; Hope Building Co., $144,435; Willmarth-Mackillop, Inc., $149,980; William Hamlyn & Son, $147,900; Charles B. Maguire Co., $133,279; Cruise & Smiley Construction Co., $147,000; Gilbane Building Co., $149,898; William Williams, $144,000. Murphy, Hindle & Wright, 146 Westminster St., is Arch. Noted Apr. 29.

Providence, R. I.—Bids will be received about Sept. 1 for the construction of a 16-room school at Cole and Luzon Ave. Stone, Carpenter & Sheldon, 802 Industrial Trust Bldg., is Arch.

✚**Albany, N. Y.**—(Official)—The contract for the construction of additions and alterations to the State House on Eagle St. has been awarded to the FEENEY & SHEEHAN BUILDING CO., 164 Montgomery St., Albany, at $162,000. Noted Aug. 12.

Albany, N. Y.—Bids will soon be received for the construction of a three-story brick parochial school and convent at Madison Ave. and Ontario St. for St. Vincent de Paul Congregation, Madison Ave. and Partridge St. The estimated cost is $175,000. Noted July 20.

✚**Binghamton, N. Y.**—The PARSONS CONSTRUCTION CO., at $147,775, has been awarded the contract for the construction of a school on Helen and New St. Sanford O. Lacey, 415 Phelps Bldg., is Arch. Noted June 17.

✚**Buffalo, N. Y.**—Contracts for the construction of a three-story, 135x147-ft. infants' home and mortuary building, at South Park Ave. and Ridge Rd. for Our Lady of Victory Church has been awarded to the PROGRESSIVE STEEL CO., Builders' Exchange, Buffalo, for the structural steel and E. S. JORDON, Lackawanna, for the masonry. The entire cost is estimated at $155,000.

New York, N. Y.—(Borough of Manhattan)—Work will soon be started on the construction of a 16-story jail, court and detention home for women at 133 West 30th St. Griffin & Wynkoop, Arch, 30 Church St., has prepared the plans. The cost is estimated at $365,000. Noted Mar. 25.

New York, N. Y.—(Borough of Manhattan)—Plans have been prepared by Emery Roth, Arch., 405 Lexington Ave., for the construction of a 12-story, 107x140-ft. apartment house at 1002-6 Park Ave. for the Fenlo Realty Co. The estimated cost is $450,000.

Rochester, N. Y.—(Official)—Bids will be received about Jan. 1 for the construction of a one- and two-story, 200x250-ft. brick and reinforced-concrete armory on Culver Rd. Noted July 29.

Jersey City, N. J.—Plans are being prepared by C. V. Fairweather, Arch., for the construction of a 12-story apartment building on the Boulevard near Bergen St. for John Swenson.

Trenton, N. J.—A site has been acquired on Taylor St. upon which to construct a chemical laboratory building to be used by the State Geological Survey and by the State Road Department. George S. Drew, State Arch., is preparing plans.

✚**Allentown, Penn.**—The contract has been awarded to OCHS & SONS, at $79,125, for the construction of the Fourteenth Ward Bldg.

✚**Harrisburg, Penn.**—The contract for the construction of a new building at the State Arsenal has been awarded to the BEARD CONSTRUCTION CO., Reading, at $38,480. Noted Aug. 5.

Leighton, Penn.—Contracts will be awarded about Oct. 15 for the construction of a two-story, 122x132 ft. brick and stone school. The estimated cost is $75,000. Edward Z. Scholl, 31 North Sixth St., Reading, is Arch. Noted May 27.

✚**Oil City, Penn.**—The contract for the construction of the Junior High School has been awarded to H. E. SHERWOOD, Oil City, at $96,500.

Philadelphia, Penn.—Bids will be received until Sept. 6 by the State of Pennsylvania Armory Board, Harrisburg, for the construction of a two-story 210x350-ft. armory on 32d St. and Lancaster Ave. Philip H. Johnson, Land Title Bldg., is Arch. Noted May 20.

Philadelphia, Penn.—The lowest bid received for the construction of a two-story, 72x142-ft. brick and stone school in Highland Park was submitted by Daniel McNamee, 1621 North 15th St., Philadelphia, at $46,900. Shore & Dodge, 608 Chestnut St., Philadelphia, is Arch.

Philadelphia, Penn.—Contracts will soon be awarded for the construction of a seven-story 56x100-ft. hospital building with two 44x108-ft. wings at Cedar Ave., between 53d and 54th St., for the Sisters of Mercy. Noted Apr. 1 and July 15.

Philadelphia, Penn.—Bids will soon be received for the construction of a ten-story addition to the Central Y. M. C. A. building on Cherry St.

Philadelphia, Penn.—Work will be started about Sept. 16 on the construction of the Central Free Library at 19th and Vine St. The estimated cost is $3,500,000. Henry R. Edmunds is Pres. of Free Libraries.

✚**Philadelphia, Penn.**—The Board of Inspectors of the Philadelphia County Prisons has awarded the contract for the construction of a two-story 36x43-ft. hospital building, one-story 27x284-ft. ward building, and for alterations to the present building to H. E. BATON, Philadelphia, at $88,870.

✚**Philadelphia, Penn.**—The Pennsylvania R.R. has awarded the contract for the construction of an immigrant station at Washington Ave. and the Delaware River to JOHN N. GILL & CO., Heed Bldg., Philadelphia. The estimated cost is $70,000. Noted July 22 and 29.

Baltimore, Md.—The Hebrew Orphan Asylum, Rayner Ave. and Poplar Grove St., will construct a building to cost $150,000.

Asheville, N. C.—An election will be held Nov. 2 by the City Commissioners to vote on the question of issuing $250,000 in bonds. The proceeds will be used for the construction of schools.

✚**Hayti, S. C.**—The contract for the construction of a county courthouse has been awarded to the GRAY CONSTRUCTION CO., Watertown, at $56,872.

Louisville, Ky.—Plans are being prepared by Brinton B. Davis, Arch., Inter-Southern Bldg., for the construction of a five-story reinforced-concrete office building at Fourth and Market St. for the Bankers' Realty Co. Noted Aug. 19.

Paducah, Ky.—Plans are being considered for the construction of a ten-story steel addition to the Palmer House. The estimated cost is $200,000. John W. Keller is Mgr.

Cincinnati, Ohio—Bids will be received until noon, Sept. 12, by the Clerk of the Board of Education, City Hall, for the construction of a manual training building at the Oyler Public School, Storrs and Burns St. C. W. Handman, 511 West Court St., is Business Mgr.

Cleveland, Ohio—Theodore Schmitt, of Lehman & Schmitt, Arch., Electric Bldg., has purchased a site at Detroit Ave. and West 116th St. upon which to construct a theater, store and office building. The estimated cost is $75,000.

Cleveland, Ohio—The Thompson-Schactel Co. recently incorporated plans to construct a theater and store building at Altoona Ave. and West 35th St., Brooklyn. Estimated cost, $50,000. C. G. Thompson and S. M. Schactel of the Victor Film Service, are owners.

Cleveland, Ohio—Plans have been prepared by Koehl & Van Rensselaer, Arch., 906 Park Bldg., for the construction of a theater on Hower Ave. near Superior St. for W. A. Barnes. Estimated cost, $40,000.

Cleveland, Ohio—Bids are being received by the Cuyahoga County Commissioners for the construction of a three-story detention home for boys at Franklin and West 28th St. The estimated cost is $65,000. William S. Lougee, 500 Marshall Bldg., is Arch. Noted Mar. 25 and July 1.

Cleveland, Ohio—Plans have been prepared by O. K. Stapf, Arch., 1017 Rose Bldg., for the construction of a three-story addition and alterations to the Chamber of Industry Bldg., at Franklin and West 25th St. Estimated cost, $40,000.

Cleveland, Ohio—The Directors of the Hollenden Hotel Co., Superior and East Sixth St., contemplate the construction of a 13-story addition on East Sixth St. and Vincent Ave. The cost is estimated at $200,000.

Cleveland, Ohio—J. H. Donahey will construct a three-story building at 2002 Euclid Ave. The estimated cost is $50,000.

✚**Cleveland Heights, Ohio**—(Warrensville post office)—(Official)—The contract for the construction of a grade school has been awarded to JAMES H. WELLS, Marshall Bldg., Clevland, at $70,167. Noted July 22.

Cleveland Heights, Ohio—(Warrensville post office)—The Cleveland Telephone Co., Telephone Bldg., Cleveland, plans to construct an exchange building on Cedar Rd. to cost about $50,000.

Crawfordsville, Ind.—Bids will be received until 1 p.m., Aug. 28, by E. W. Rean, School Trustee, for extending the wings of the high school building.

Hammond, Ind.—The Board of School Trustees has rejected all bids received Aug. 2 for the construction of the Hammond Industrial High School. The plans are being revised by J. T. Hutton & Sons, Arch., Hammond Bldg., and new bids will be received until Sept. 1. Noted July 29.

Detroit, Mich.—Plans have been prepared by Albert Kahn, Arch., Detroit, for the construction of a three-story temple at Lafayette Blvd. and Cass Ave. for the Detroit Lodge No. 34, B. P. O. E. The estimated cost is $150,000.

Detroit, Mich.—Plans have been prepared by Smith, Hinchman & Grylls, Detroit, for the construction of an eight-story addition to the building of Crowley, Milner & Co., at Monroe and Library Ave. The estimated cost is $100,000. Noted July 22.

Monmouth, Ill.—Plans prepared by Temple & Burrows, Arch., McManus Bldg., Davenport, Iowa, for the construction of a two-story city hall, have been accepted. The estimated cost is $50,000. Noted Aug. 19.

Milwaukee, Wis.—Plans are being prepared by Fernekes & Creamer, Arch., 1304 Pabst Bldg., for the construction of an addition to the armory of Troop A, Wisconsin National Guard. The estimated cost is $40,000. Noted July 8.

Milwaukee, Wis.—The Board of Education contemplates an expenditure of $1,100,000 for the construction of school buildings throughout the city.

Milwaukee, Wis.—Bids will be received about Sept. 15 for the construction of a three-story brick and stone addition to the West Dixision High School, 23d and Prairie St. The estimated cost is $50,000. Van Ryn & De Gelleke, 726 Caswell Block, is Arch. and Frank M. Harbach is Secy. Bd. of School Dirs. Noted Aug. 19.

St. Croix Falls, Wis.—Bids will be received until 5 p.m., Aug. 31, by J. C. Heglund, Village Clk., for the construction of auditorium buildings. Hartford & Hausler, St. Paul, Minn., is Arch.

✚**Superior, Wis.**—The contract for the construction of a church and parochial school for the St. Stanislaus Polish Catholis Parish has been awarded to R. J. CHENEY, at $[illegible]701.

West Allis, Wis.—Preliminary arrangements are being made by the Holy Assumption congregation for the construction of a church and parish house. The estimated cost is $50,000.

Charter Oak, Iowa—Bids will be received until Sept. 7 by the Board of Education for the construction of a two-story brick school. The estimated cost is $45,000. Edward L. Barber is Arch. Noted July 22.

✚**Des Moines, Iowa**—The contract for the construction of a 12-story reinforced-concrete hotel for M. Brown has been awarded to J. C. MARDIS. The estimated cost is $150,000.

Des Moines, Iowa—Plans are being prepared by N. T. Norse, Arch., Des Moines, for the construction of a brick building for the Grocers' Wholesale Co. The estimated cost is $50,000. Noted July 29.

Grinnell, Iowa—(Official)—At a recent election the citizens defeated the question of issuing $100,000 in bonds, the proceeds of which will be used for the construction of a high school. Noted July 29.

✚**Sheldon, Iowa**—The contract for the construction of the O'Brien County Courthouse has been awarded to J. E. LOVEJOY, Des Moines, at $118,312.

✚**Milaca, Minn.**—The contract for the construction of a two-story high school has been awarded to STROMBERG & SAMUELSON, Milaca. Estimated cost, $40,000. Noted June 17.

Wisner, Neb.—Plans are being prepared by John Latenser, Arch., 626 Bee Bldg., Omaha, for the construction of a school. The estimated cost is $40,000. Noted June 24.

✚**Casper, Wyo.**—The contract for the construction of the Chicago, Burlington & Quincy R.R. depot has been awarded to GEORGE W. STILES, Chicago, Ill., at $87,000.

✚**Butte, Mont.**—The contract for the construction of additions and alterations to the high school has been awarded to H. L. HANSON, Butte, at $94,640. Noted May 20.

✚**Miles City, Mont.**—(Official)—The contract for the construction of an addition to the high school has been awarded to the EDWARD SEERIE CO., Billings, at $47,242. Other bids were: Cleanman & Co., Miles City, $47,450; Horton & Willits, Great Falls, $49,480; Lloyd Construction Co., St. Louis, Mo., $51,353; N. P. Nelson, Miles City, $51,300; W. G. Reed, Dillon, $51,475. Noted July 22.

Kansas City, Mo.—E. W. Shields, Kansas City, will construct a five-story commercial building at 2029 Grand Ave. The estimated cost is $80,000.

St. Louis, Mo.—Plans are being prepared for the construction of a brick and steel church at Margatetta and Fair Ave. for the Independent Evangelical congregation. The estimated cost is $70,000. A. Meyer, Central National Bank Bldg., is Arch.

Cleveland, Tex.—Bids will be reecived until noon, Aug. 28, by G. O. Bartle, Pres., School Bd., for the construction of a brick and concrete school. Noted June 17.

✚**Pharr, Tex.**—The contract for the construction of a high school has been awarded to CRAWFORD & HORN, Yookum, at $48,000. M. L. Weller Co., Ft. Worth, is Arch.

Salt Lake City, Utah—Plans have been prepared and bids will soon be received by the School Board for the construction of the Granite High School. The estimated cost is $45,000. Cannon & Fetzer, 506 Temple Bldg., is Arch.

✚**Davenport, Wash.**—The contract for the construction of a two-story brick school has been awarded to JAMES SHERIDAN, Spokane, at $40,000. Noted July 1.

Grand Mound, Wash.—Bids will be received until Aug. 31 by E. S. Emigh, Secy., State Bd. of Control, Olympia, for the construction of a two-story concrete and brick building at the State School for Girls. The estimated cost is $60,000. Noted Aug. 5.

Mt. Vernon, Wash.—At a recent election the citizens voted to issue $60,000 in bonds, the proceeds of which will be used for the construction of a school.

Seattle, Wash.—Bids will be received about Sept. 1 for the construction of the five- and eight-story buildings at Westlake, Fourth, Stewart and Olive St. The estimated cost is $500,000 and $850,000 respectively. Bibb & Gould, Denny Bldg., is Arch.

✚**The Dalles, Ore.**—The contract for the construction of terminal buildings for the Oregon, Washington R.R. & Navigation Co. has been awarded to NETTLETON, BRUCE & ESHBACH, Seattle, Wash. The cost is estimated at $100,000. Noted June 24.

✚**Portland, Ore.**—The contract for the foundation work of the construction of the First National Bank Bldg. has been awarded to F. H. MILES. The estimated cost of the entire building is $400,000. Noted Apr. 29.

✚**Los Angeles, Calif.**—FRED W. SIEGEL has been awarded the contract for the construction of the two-story 150x170-ft. building on Wilshire Blvd. for the Marlborough School for Girls. The estimated cost is $70,000. John C. Austin, 1125 Baker-Detwiler Bldg., is Arch.

Los Angeles, Calif.—Preliminary plans are being prepared by George Low, County Supt. of Const., for the construction of an eight-story, 110x175-ft. building at Temple and New High St. The estimated cost is $350,000.

Pasadena, Calif.—Plans are being prepared by Elmer Grey, Arch., for the construction of a three-story chemical laboratory for the Throop College of Technology. The estimated cst is $60,000.

San Bernardino, Calif.—Plans are being prepared by Jeffrey & Schafer, Arch., Wesley Roberts Bldg., for the construction of a building for the First Congregational Church. The estimated cost is $50,000.

Santa Clara, Calif.—The San José Film Co. contemplates the construction of a motion-picture studio. The estimated cost is $40,000. Ellis & Skilling, San José, is Arch.